HAND FORGED TOOLS

P & C HAND FORGED TOOL CO. INC.

Milwaukie, PORTLAND, OREGON

See Separate Dealers' Numerical Price List

CATALOG No. 40-P

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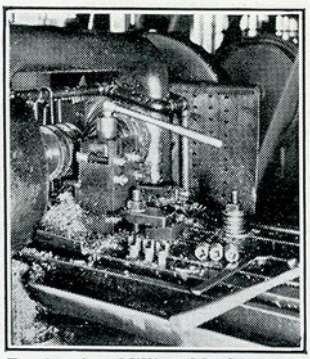
CATALOG No. 40-P

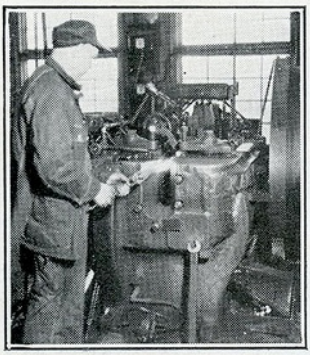
QUALITY HAND FORGED TOOLS

Greetings:—Realizing the overloaded condition of Jobbers' and Dealers' catalogs today, P & C presents its large and complete line of over 1000 quality hand forged tools in this condensed catalog. The tools are grouped for easy reference according to related items. This new catalog is respectfully dedicated to the thousands of discriminating P & C customers, Jobbers and Dealers to whom we pledge our best possible service and cooperation.

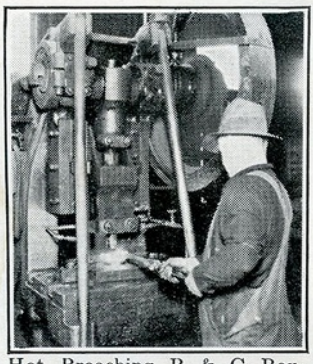
"P & C Hand Forged Tools with a Reputation"



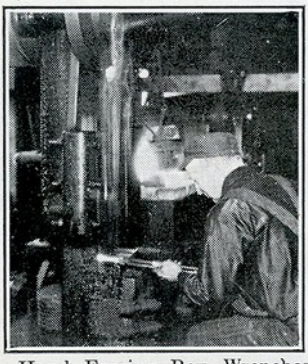
Production Milling Machine for Flex Handles, Universal Sockets, Extensions and other Hand Forged Tools.



Hot Forging and Hot Broaching P & C Sockets with Heavy Duty Automatic Forging Machine.



Hot Broaching P & C Box Wrenches with Giant Broaching Press.



Hand Forging Box Wrenches with Rapid Blow Trip Hammer.

P & C ZIPPER SAMPLE CASE

FOR SALESMEN'S USE

on Special Terms to Jobbers & Dealers

Your Guide to Good Tools

HAND FORGED FROM SELECTED ALLOY STEEL

P & C TOOLS are made from carefully selected CHROME ALLOY STEEL by engineers, designers and skilled mechanics, some of whom have spent forty years in tool designing and manufacturing. P & C TOOLS are hand forged (not drop forged), hot broached and scientifically heat treated by processes which give them the maximum strength, toughness and durability. (See illustrations above.)

In the hot forging processes, the steel is condensed, refined and toughened to insure great strength. This makes possible "Thinner and Stronger" socket and wrench walls. P & C TOOLS are designed to eliminate that "Clumsiness" found in ordinary tools. They are perfectly balanced, and "hang right." This enables the mechanic to make "Speed" in his work, so necessary in these days of highly specialized service work.

CHOICE OF SKILLED MECHANICS

P & C TOOLS are die fashioned, accurately machined, and fit perfectly every purpose for which the tool is intended. P & C TOOLS have a beautiful, natural steel finish. Good mechanics in every state and many foreign countries use and recommend P & C TOOLS.

GUARANTEE

P & C TOOLS are guaranteed free from defects in material and workmanship. They are built to withstand the hardest service for which they are designed, but they are not guaranteed against abuse or normal wear. Any P & C TOOL that proves defective will be replaced or repaired free of charge.

THE BEST ARE THE CHEAPEST

P & C TOOLS are not the cheapest but are the most economical in the long run. Prices compare favorably with other high-grade tools. Only authorized Jobbers and Dealers carry genuine P & C TOOLS. Look for the P & C Brand.

BRANCHES—Branch Warehouses or Distributor Stocks in Seattle, San Francisco, Los Angeles, Dallas, Minneapolis, Chicago, Detroit and New York.

P & C HAND FORGED TOOL CO., Inc.,

Milwaukie, PORTLAND, OREGON

NEW PHONE PORTLAND, SUNSET 3742

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1939

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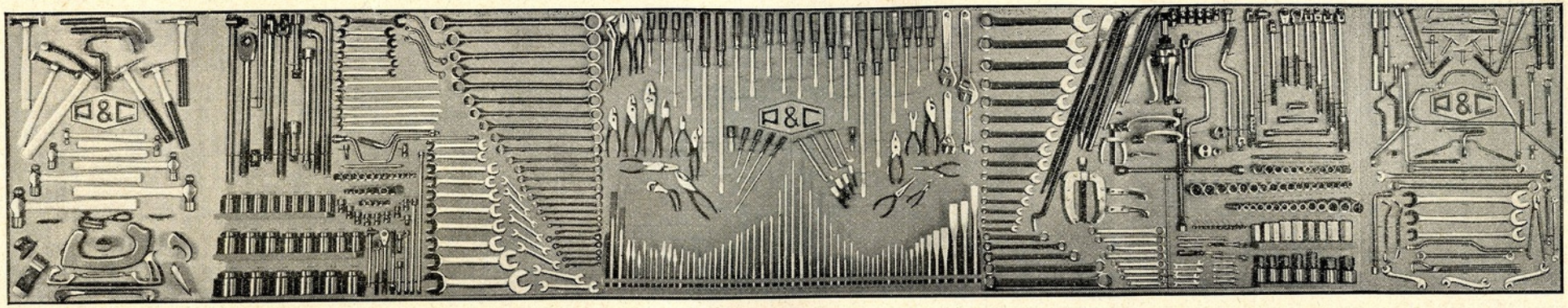
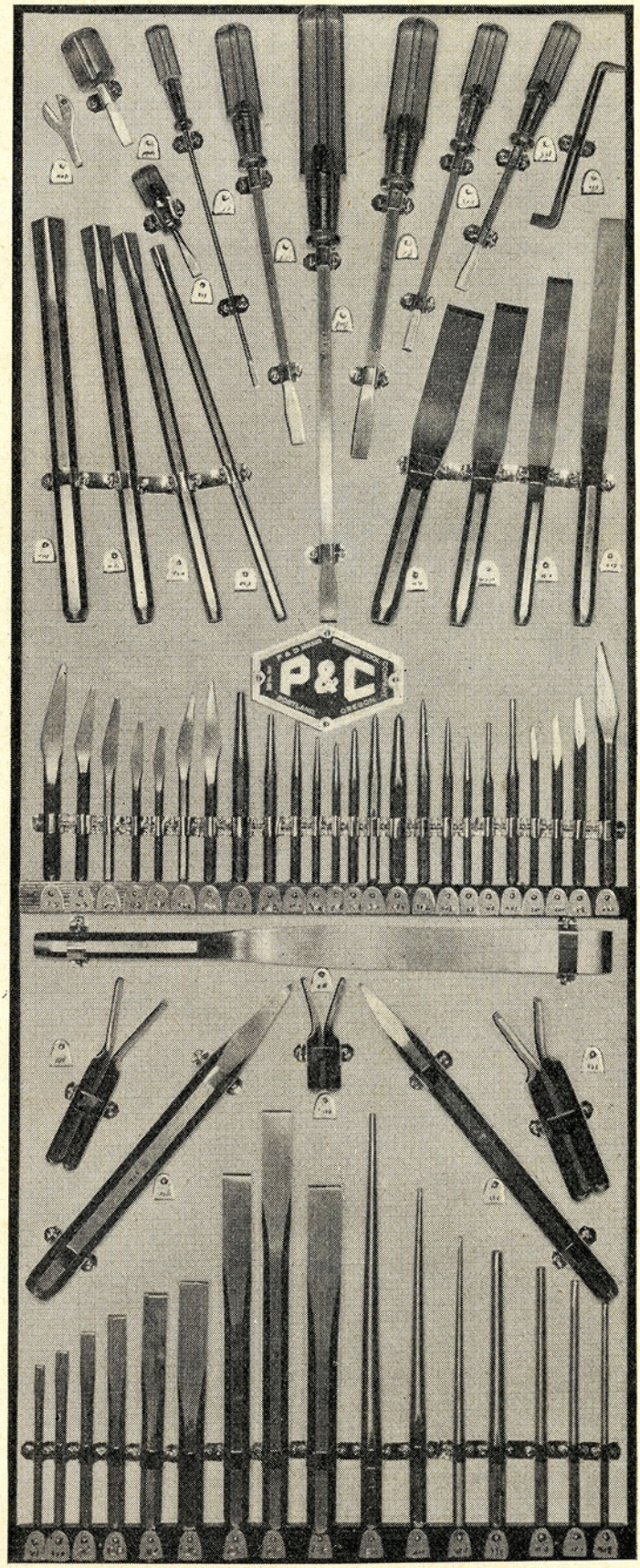
See Separate Dealers' Numerical Price List



New No. 2—3′x16′ Stock Display Board Assembly

No. 2A—3′ high x 2′ long **No. 2B—3′ high x 12′ long** **No. 2C—3′ high x 2′ long**

The above deluxe stock board is made up of 3 units which can be furnished in one complete assembly as shown or separately. **No. 2-A** (extreme left) includes a selection of Body & Fender Tools and Ball Pein Hammers; **No. 2-B** (center) provides a compact unit of only staple "bread & butter" tools including, from left to right, Heavy Duty Socket Series (¾ sq. dr.), Jiffy Socket Series (⅜ sq. dr.), double & single tappet wrenches, open end wrenches, round handle box wrenches, pliers, screw drivers, punches & chisels, adjustable wrenches, 2 in 1 wrenches, flat handle box wrenches, tire grease & lining up bars, pullers, cross rim wrench, Jiffy Jr. Socket Series (¼ sq. dr.), wheel starters and Standard Socket Series (½ sq. dr.); **No. 2-C** (right) carefully selected brake service and popular special car tools. The entire assembly offers a conservative but representative stock of P & C Hand Forged Tools for an average active Jobber. Ask for detailed tool listing, prices and terms. A real merchandising stock board that **sells** tools.



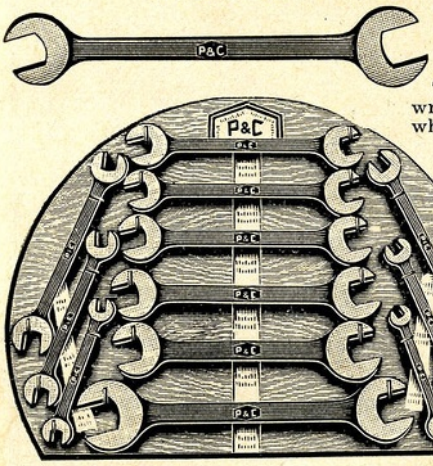
No. 100 18″x46″ Display Board Hardware and Plumbing Tools

A careful selection of popular and fast moving items, artistically mounted on a strong plywood panel, finished in beautiful orange or selected color background with black border trim. P & C plumbing and industrial tools represent supreme quality in design, workmanship and material. See screw drivers, punches. chisels and special bars elsewhere in catalog. Ask for tool list and prices. (See full stocks, pages 17, 30, 32, 33 and 34.)

P & C MERCHANDISING STOCK DISPLAY UNITS

Several years experience has demonstrated the success of P & C Merchandise Units, neatly hand made and finished in beautiful natural grain Fir and Pine. Only carefully selected staple tool numbers and sizes for **quick turn over**—yet **representative stocks at small investment.** Covers 90% or more of actual dealer sales. No need for additional shelf or bin storage,—all necessary stock carried on the Merchandise Unit. Each tool clearly die stamped with corresponding number and resale price on the Merchandise Unit insuring easy **stock control.** Sold items readily identified for replacement. Drilled holes and hooks on displays won't let tools get out of place. Adapted to counter, shelf, table or window display. P & C "silent salesmen" who invite customer attention and patronage. Make your store headquarters for "P & C Hand Forged Tools with a Reputation".

No. 15-A Merchandise Unit OPEN END WRENCHES



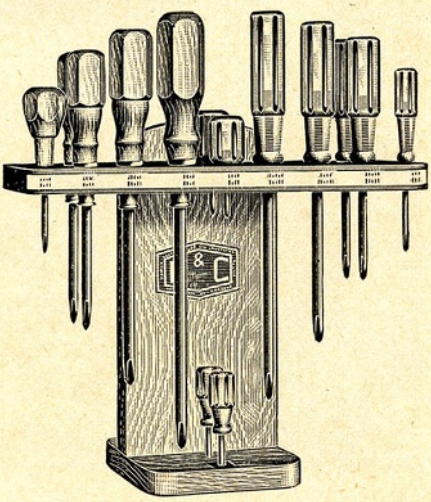
This popular form of wrench gains a new appeal when displayed as part of the P & C Merchandise Unit. Variety of size, balance, perfection of design, and strength are set off by the streamlines of the display unit. The result is repeated sales of P & C's profitable, quality wrenches. Get in touch with your jobber or the P & C factory for further information. Approx. ship. wt. 11 lbs. (See full stock, page 15.)

Quan.	Tool No.	Size	Quan.	Tool No.	Size
2	2814	3/8x7/16	2	2826	25/32x13/16
2	2816	7/16x1/2	2	2828	3/4x7/8
2	2818	1/2x9/16	2	2830	7/8x15/16
2	2820	9/16x5/8	2	2832	15/16x1
2	2822	5/8x11/16	1	2834	31/32x1-1/16
2	2824	5/8x3/4	1	2840	1⅛x1¼

No. 18-C Merchandise Unit PHILLIPS SCREW DRIVERS

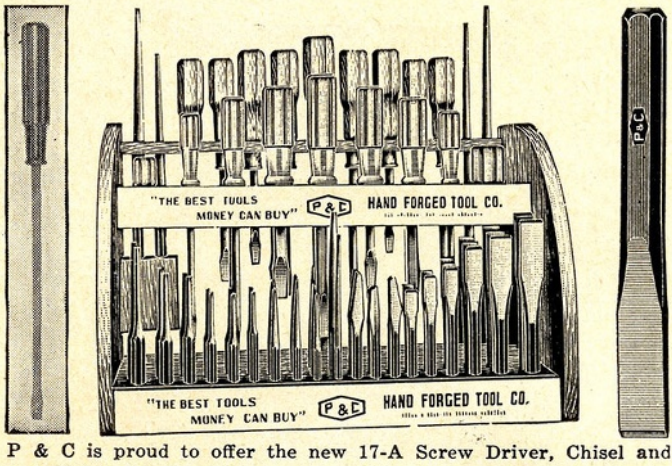
(For recessed head screws)

An ideal counter or table display unit, carrying a small but representative stock of Phillips screw drivers. Space is provided for some additional stock if desired. Every P & C Jobber and active Dealer in tools should have one of these attractive 18-C Units. Each tool is numbered and priced on the display. Many late cars, radios, appliances, furniture, etc., are using Phillips screws. The demand for Phillips drivers is increasing rapidly. Approx. ship. wt. 5½ lbs. (See full stock, page 31.)



Quan.	Tool. No.	Description				
1	523	No. 1 x 3"	Wood	Handle	Screw	Driver
1	573	No. 1 x 3"	Pyralin	"	"	"
2	570	No. 1 Stubby x 1¼"	Pyralin	"	"	"
2	624	No. 2 x 4"	Wood	"	"	"
2	670	No. 2 Stubby x 1½"	Pyralin	"	"	"
2	674	No. 2 x 4"	Pyralin	"	"	"
1	726	No. 3 x 6"	Wood	"	"	"
1	776	No. 3 x 6"	Pyralin	"	"	"
1	828	No. 4 x 8"	Wood	"	"	"
1	878	No. 4 x 8"	Pyralin	"	"	"

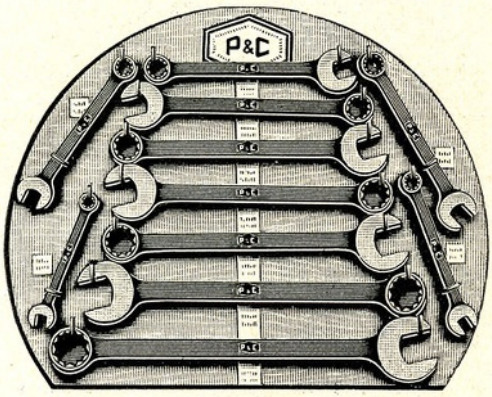
No. 17-A Merchandising Unit
SCREW DRIVERS, CHISELS, PUNCHES



P & C is proud to offer the new 17-A Screw Driver, Chisel and Punch Table Display Unit as the undisputed merchandising leader in the quality tool class. The 17-A Unit has proved itself on the counters and tables of hundreds of dealers. Compact and streamlined, it attracts the eye; says to the tool user, "Look at these good tools! Handle them! Buy them!" And P & C Tools ARE good tools . . "the best tools that money can buy", hand forged from selected alloy steel. Let us place a P & C Screw Driver, Chisel and Punch Merchandise Display in your store. Remember, it is not an "assortment" but a real merchandising unit. It will move tools and make money for you. Approx. ship. wt. 20 lbs. (See full stocks, pages 30 to 33.)

Quan.	Tool. No.	Size	Description
1	81	5/8x3/16x12	Long Taper Punch
1	80	1/2x5/32x10	"
1	86	3/8x3/16x12	Extra Long Taper Punch
1	87	1/2x1/4x14	"
1	70	1/4x3/16x6½	Taper Punch
1	71	5/16x1/4x7	"
1	72	⅜x5/16x7½	"
2	555	7/32x5	Screw Drivers, Wood Handle
2	558	7/32x8	"
2	654	1/4x4	"
2	656	1/4x6	"
1	758	5/16x8	"
2	501	7/32x1	Screw Drivers, Pyralin Handle
2	406	5/32x6	"
2	408	5/32x8	"
2	505	7/32x5	"
2	508	7/32x8	"
2	604	1/4x4	"
2	606	1/4x6	"
2	708	5/16x8	"
2	601	¼x2¾"	"
2	22	3/8x4¾	Center Punches
2	60	1/4x3/32x4¼	Pin Punches
2	61	5/16x1/8x4¼	"
2	62	5/16x5/32x5	"
2	63	3/8x3/16x5¼	"
2	64	7/16x7/32x5½	"
2	65	1/2x9/32x6½	"
1	66	3/8x1/16x5	"
1	67	1/2x3/16x5	"
1	27	1/4x4½	Prick Punch
1	28	5/16x5	"
1	29	3/8x5½	"
2	41	5/16x3/16x5	Diamond Point Chisels
2	31	5/16x1/4x5½	Cape Chisels
2	51	5/16x5/32x5¼	Round Nose Chisels
3	10	9/32x4½	Cold Chisels
3	11	3/8x5	"
3	12	7/16x5½	"
3	13	9/16x6	"
3	14	11/16x6½	"
2	15	13/16x7	"

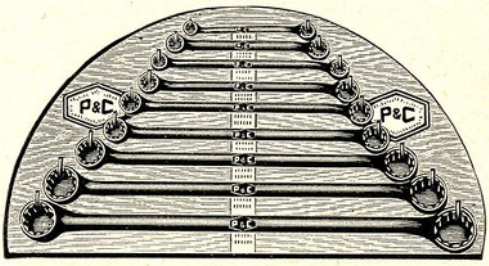
No. 14-A Easel Counter Display
TWO-IN-ONE WRENCHES



When you give a mechanically minded person the opportunity to see and handle P & C's strong, attractive, perfectly balanced Two-in-One wrenches you stimulate his desire to buy. That is why the 14-A Unit is so successful. It puts these quality combination wrenches in your customers' hands, appeals to their instinct to own GOOD tools. Check the specifications below. You'll note an ideal range of sizes. Approx. ship. wt. 7 lbs. (See full stock, page 16.)

Quan.	Tool No.	Size	Quan.	Tool No.	Size
2	2712	3/8	2	2724	3/4
2	2714	7/16	2	2726	13/16
2	2716	1/2	2	2728	7/8
2	2718	9/16	1	2730	15/16
2	2720	5/8	1	2732	1"
2	2722	11/16			

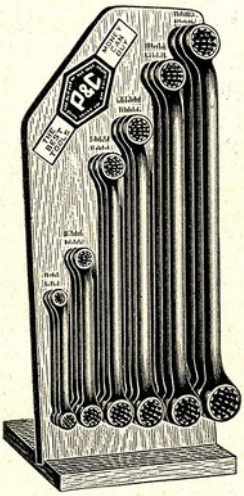
No. 16-A Table or Wall Display
DOUBLE 12 POINT BOX WRENCHES



Like 14-A and 15-A, a compact, attention-compelling silent merchandiser which causes customers to handle, want and buy these better wrenches. Not an "assortment" but a merchandising unit of hand forged box wrenches in the most popular sizes. Approx. ship. wt. 16½ lbs. (See full stock, page 14.)

Quan.	Tool No.	Size
3	2116	7/16x1/2
3	2120	9/16x5/8
3	2218	1/2x9/16
3	2222	5/8x11/16
3	2224	11/16x3/4
3	2228	3/4x7/8
2	2232	15/16x1
2	2236	1-1/16x1-1/8
1	2240	1⅛x1¼

No. 16-C Merchandise Unit
ECONOMY BOX WRENCHES

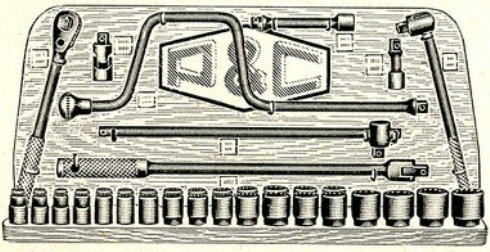


A small investment "Merchandiser" offering 6 most popular box wrench sizes, hand forged quality, eye appeal, finish, at competitive prices. Very attractive and right up to the minute for inviting sales. Each tool priced and numbered. Try it and you'll like it. Approx. ship. wt. 11½ lbs. (See full stock, page 16.)

Quan.	Tool No.	Description			
3	2114-E	3/8x7/16	12 Pt. Box Wrench	5"	length
3	2118-E	1/2x9/16	" "	6¼"	"
3	2222-E	5/8x11/16	" "	9½"	"
3	2225-E	3/4x25/32	" "	11"	"
3	2229-E	13/16x7/8	" "	13½"	"
3	2232-E	15/16x1	" "	14½"	"

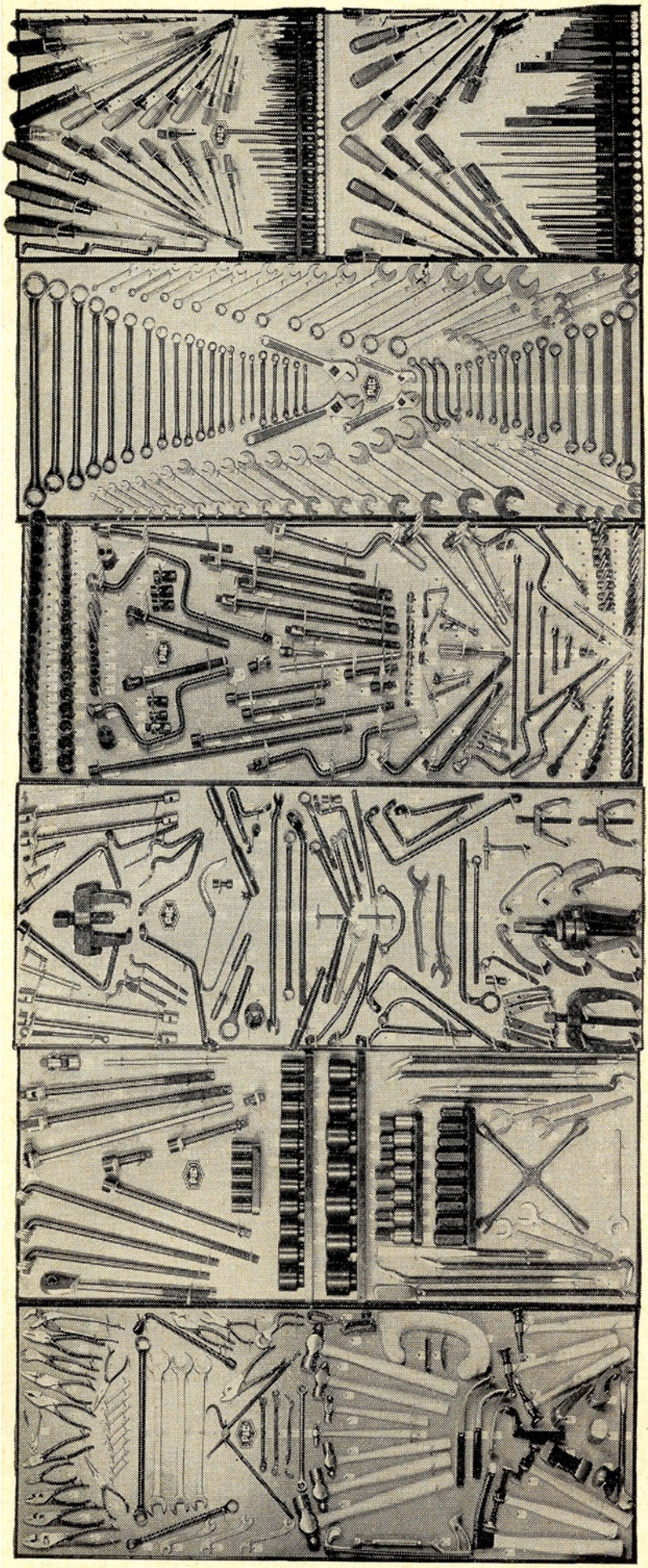
No. 20-A Merchandise Unit
STANDARD SOCKETS, HANDLES, ATTACH.

½" sq. dr.



Enterprising P & C Dealers demanded this "selling unit". The mechanic, car owner and farmer customers wanted a "pick up" socket, ratchet or speeder for emergency use. The new 20-A Unit meets the issue! Small investment, easy stock control, quick turn-over. A real Merchandise Stock Display that sells quality hand forged tools. Approx. ship. wt. 20 lbs.) (See full stock list, page 7.)

Quan.	Tool No.	Description	
2	6014	Socket	7/16"
2	6016	"	1/2"
2	6018	"	9/16"
2	6019	"	19/32"
2	6020	"	5/8"
2	6021	"	21/32"
2	6022	"	11/16"
2	6024	"	3/4"
2	6025	"	25/32"
2	6026	"	13/16"
2	6028	"	7/8"
2	6030	"	15/16"
2	6031	"	31/32"
2	6032	"	1"
1	6034	"	1-1/16"
1	6036	"	1-1/8"
1	6038	"	1-3/16"
1	6040	"	1-1/4"
1	6238	Flex Handle	18"
1	6202	Extension	2½"
1	6220	Flex Handle	10"
1	6215	Speed Handle	18"
1	6208	Universal Joint	
1	6203	Extension	5"
1	6211	Reversible Ratchet	10"
1	6265	Sliding Bar T	15"
1	6201	Bar for 6238 Flex	1/2"x12"



Panel No. 1 Panel No. 2 Panel No. 3 Panel No. 4 Panel No. 5 Panel No. 6

P & C Stock Display Assembly No. 12—Six 2′x5′ Panels

P & C Display Boards mark a progressive step in the successful merchandising of quality hand forged tools. Good merchandise attractively presented is half sold. P & C Display Boards are beautiful in appearance, built of heavy plywood which does not warp, glossy varnish, substantial hooks for holding tools in neat position and individual catalog numbers for easy identification of each tool. Display Boards are not sold, but furnished on memo charge with minimum stocks.
Hooks and pins will carry from 1 to 6 of each size according to popularity of numbers. No bin storage necessary. The 2′x5′ panels are convenient in size and may be used separately on bin ends or may be fastened together as a multiple stock display of unusually attractive design. The tools are grouped on individual panels according to natural classifications. One or more panels may be selected as desired. A full representative display stock as listed is recommended for the average Jobber or large Dealer. One or more of each size may be specified.

Panel No. 1—Pliers, Brake and Ignition Wrenches, Body and Fender Tools.

A choice list of fast moving and popular tools to round out an average display stock. Quality pliers; ignition wrenches extremely thin; brake tools most frequently used; ball pein hammers in beautiful polished steel; and selected body and fender tools. A most attractive panel display of quality merchandise.

Panel No. 2—Heavy Duty Socket Wrenches, Tire and Grease Bars and Wheel Starters.

An ever increasing number of trucks, tractors, road building machinery and industrial equipment, make this display stock panel a desirable addition to the Jobber's tool set-up.
P & C Heavy Duty Sockets are straight, thin walled, hot forged and exceptionally tough and strong. A good stock board for active selling.

Panel No. 3—Special Ford, Chevrolet, General Motors and Other Car Tools, Gear and Wheel Pullers.

P & C Special Car Tools are built to mechanics' specifications. New car models are carefully checked for tool requirements and where standard P & C Tools cannot be conveniently used, special tools are designed for the particular job. Panel No. 3 will equip a Jobber to give good service to his mechanic trade.

Panel No. 4—½″ Standard, ⅜″ Jiffy and ¼″ Jiffy Junior Socket Wrenches, Handles and Attachments.

A very complete and compact stock display of P & C quality hand forged sockets, handles and attachments in ½″ Standard, ⅜″ Jiffy and ¼″ Jiffy Junior, square drive connections. Almost everything a mechanic needs in the three popular socket series. A real stock display that sells discriminating buyers.

Panel No. 5—Box Wrenches, Open End Wrenches, Two-In-One Wrenches, Tappet Wrenches and Adjustable Wrenches.

This attractive merchandising stock display panel carries a representative and complete line of Box and Open End Wrenches which will meet over 90% customer requirements in these items. A truly desirable stock display board of fast moving numbers.

Panel No. 6—Screw Drivers, Punches and Chisels.

Panel No. 6 is a fitting climax to the entire six-panel Display Stock Assembly. P & C superior screw drivers are unexcelled in design and quality. Pyralin fluted sure grip handles are unbreakable, shock proof. Hardwood handles are tough, strong and have a good form fitting grip. Hot forged Tungsten alloy steel screwdriver blades and cold chisels.

Request Bulletins for Tool Numbers and Price Listings

BEST TOOLS MONEY CAN BUY

P&C

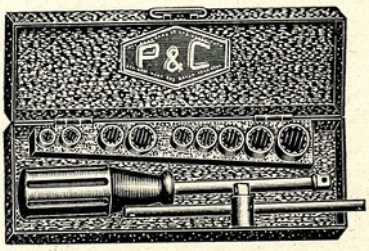
JIFFY JUNIOR SOCKET SERIES

1/4" Sq. Dr.

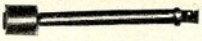
Inside Socket Clearance 3/4"

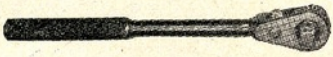
The Jiffy Junior Series is "made to order" for Electrical, Radio, Refrigerator, Airplane and small delicate work in close places with limited clearance. Offered in single items or attractive sets.

No.	Size	Description	Overall Length
0206	3/16"	Hex Socket	1"
0207	7/32"	Hex Socket	1"
0208	1/4"	Hex Socket	1"
0209	9/32"	Hex Socket	1"
0210	5/16"	Hex Socket	1"
0211	11/32"	12 Pt. Socket	1"
0212	3/8"	12 Pt. Socket	1"
0214	7/16"	12 Pt. Socket	1"
0278	1/4"	8 Pt. Socket	1"
0280	5/16"	8 Pt. Socket	1"
0253	1/4"	Sliding T Handle	4½"
0259	1/4"	Socket Spinner, Pyralin Handle (with 1/4" handle opening)	6"



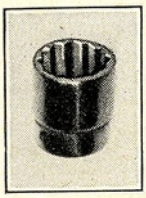
0200 Metal Box Only, 6¼" long x 2" wide x 1" high—wt. 5 oz.
0200-B Set Above Tools Complete in Metal Box—wt. 14 oz.





0208-1	17/64"	Socket for Zerk Grease Fitting	
0245		Reversible Ratchet	5"
0247		Extension	3"
0248		Extension	6"
0249		Extension	14"
323	1/8"x3"	blade Screw Driver, Pyralin Handle	5¾"
0250	1/4"	Stubby Socket Spinner	2⅜"
0251	1/4"	Flex Handle	5½"
0252	1/4"	Universal Joint	1⅛"
0254	5/16"x.035	Screw Driver Socket	1¾"

0201 Metal Box Only, 8½" long x 2½" wide x 1¼" high—wt. 11 oz.
0201-B Set Complete in Metal Box, including 0200 set plus 0245, 0247, 0248 & 323—wt. 1 lb. 10 oz.



12 Pt. Jiffy Sockets

3/8" Sq. Dr.

Inside Clearance 7/16" **Weight 1 oz.**

No.	12 Pt. Opening	Overall Length	No.	12 Pt. Opening	Overall Length
3008	1/4"	7/8"	3020	5/8"	13/16"
3010	5/16"	7/8"	3021	21/32"	13/16"
*3012	3/8"	13/16"	3022	11/16"	13/16"
*3014	7/16"	13/16"	3024	3/4"	13/16"
*3016	1/2"	13/16"	3025	25/32"	13/16"
*3018	9/16"	13/16"	3026	13/16"	13/16"
3019	19/32"	13/16"			

*Also available in Hex.

12 Pt. Jiffy Universal Sockets

3/8" Sq. Dr.

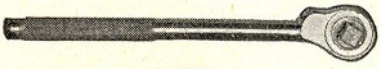
Inside Clearance 7/16" **Weight 2 oz.**

No.	12 Pt. Opening	Overall Length	No.	12 Pt. Opening	Overall Length
3310	5/16"	1-5/8"	3318	9/16"	1-1/2"
3312	3/8"	1-7/16"	3320	5/8"	1-9/16"
3314	7/16"	1-7/16"	3322	11/16"	1-11/16"
3316	1/2"	1-7/16"	3324	3/4"	1-11/16"

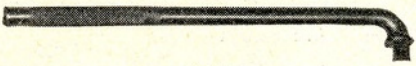
P & C JIFFY SOCKET SERIES

⅜-inch square drive

P & C Jiffy Sockets and attachments are designed to aid the auto mechanic in speeding up his work. Sockets are very thin and light to permit clearance in close places. Numerous combinations can be made from a set of handles and attachments which greatly facilitate the work on many repair jobs. These features of speed mean dollars and cents to the mechanic or shop in these days of "flat time" operation. P & C hand forged quality built into every tool.



3210



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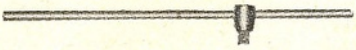

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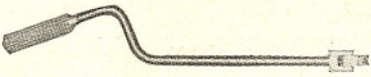

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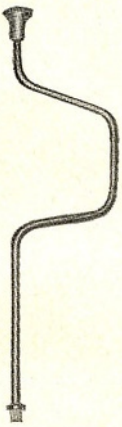

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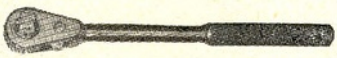


3209

3208

3217-3218

3204

3230

Jiffy Handles and Attachments—⅜-in. Sq. Dr.

No.	Description	Overall Length	Weight
3201	Extension	1″	2 oz.
3202	Extension	2″	2 oz.
3203	Extension	4″	3 oz.
3204	Extension & T Handle with Bar	8″	8 oz.
3205	Extension & T Handle with Bar	12″	9 oz.
3206	Extension & T Handle with Bar	18″	10 oz.
3207	Bar for 3204, 3205 & 3206—5/16″ stk.	7″	4 oz.
3208	Universal Joint	1¾″	4 oz.
3209	Reversible Ratchet	8″	11 oz.
3210	Two-way Plug Ratchet	6¾″	7 oz.
3211	Screw Driver 5/16″ bit and 1½″ length	1¾″	2 oz.
3214	Speed Handle 3½″ diam. swing	14″	1 lb.
3215	Speed Handle 3½″ diam. swing	18″	1¼ lb.
3216	Speed Handle 3½″ diam. swing	30″	1½ lb.
3217	Chevrolet Pan Screw Driver	1¾″	3 oz.
3218	Pontiac Pan Screw Driver	2″	3 oz.
3219	Grease Baffle Socket	2⅛″	3 oz.
3230	Flex Handle	8″	7 oz.
3231	Bar for 3230 Flex—¼″ stk.	4″	2 oz.
3248	Flex Spinner	10¼″	12 oz.
3251	L Handle	8″	5 oz.
3260	Sliding Bar T	7½″	7 oz.

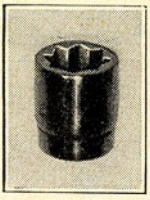
Jiffy Adaptors

Tool No.	Description
3071	3/8" Male & 1/2" Female
3072	1/2" Male & 3/8" Female

Jiffy Drag Link Sockets

No.	Description		Weight
3076	1/8"x1"	Bit	3 oz.
3077	3/32"x7/16"	Bit	1 oz.
3078	3/32"x5/8"	Bit	1 oz.

8 Point Jiffy Sockets—3/8" Sq. Dr. Weight 2 oz.



Length Overall 7/8" **Weight 2 oz.**

No.	Size	Inside Clearance
3088	1/4"	3/8"
3090	5/16"	3/8"
3092	3/8"	7/16"
3094	7/16"	7/16"

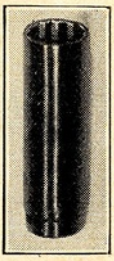
Extra Deep 8 Pt. Jiffy Sockets—3/8" Sq. Dr.

Overall Length 1½"

No.	Size	Inside Clearance	Weight
3095	7/16"	7/8"	3 oz.
3096	1/2"	7/8"	3 oz.
3098	9/16"	3/4"	4 oz.
3099	5/8"	3/4"	4 oz.

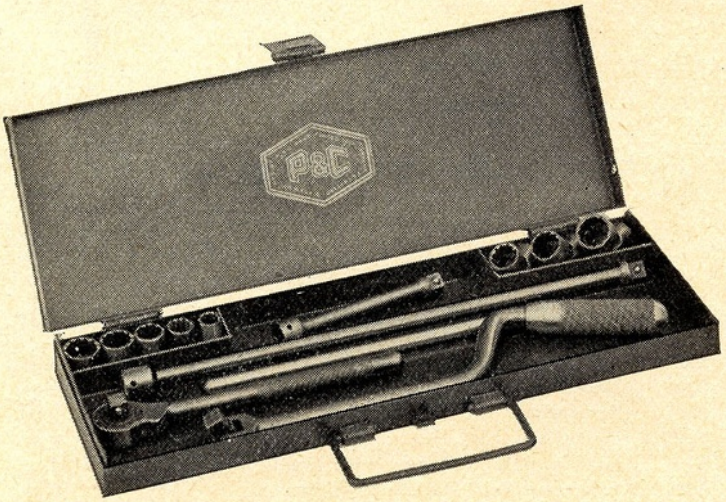
Extra Deep Jiffy Sockets—3/8" Sq. Dr.

Overall Length 2½" **Inside Clearance 2⅛"**



No.	12 Pt. Opening	Weight
3112	3/8"	3 oz.
3114	7/16"	3 oz.
3116	1/2"	3 oz.
(a) 3118 S.P.	9/16"	3 oz.
3120	5/8"	3 oz.
(b) 3122 S.P.	11/16"	4 oz.
3124	3/4"	4 oz.
(c) 3126 S.P.	13/16"	4 oz.

(a) AC 10mm Spark Plug; (b) Champ. 10mm Spark Plug; (c) AC & Champ. 14mm. Spark Plug.



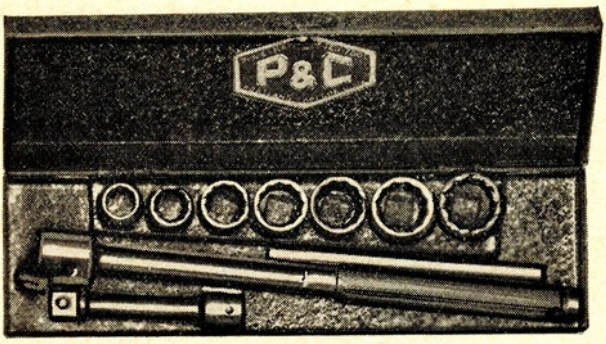
No. 3301-B Jiffy Set—12 Pt.—3/8" Sq. Dr.

Popular set for light fast work on motors, airplanes, radios, refrigerators and electrical appliances. Contains 3/8" to 5/8" thin wall sockets; 3 Universal Sockets; 4" and 12" Extensoins with bar; Ratchet and Flex Spinner. 13 Piece very handy general use Set furnished in substantial metal box.

No.	Description	No.	Description
3203	4" Extension	3016	1/2" Socket
3205	12" Extension & Bar	3018	9/16" Socket
3210	Ratchet	3020	5/8" Socket
3248	Flexible Spinner	3316	1/2" Universal Socket
3012	3/8" Socket	3318	9/16" Universal Socket
3014	7/16" Socket	3320	5/8" Universal Socket

No. 3301 Box only, 13½" long x 4¾" wide x 1-9/16" high—wt. 1½ lbs.

No. 3301-B Set Complete as illustrated and listed, packed in metal box—wt. 4 lbs.

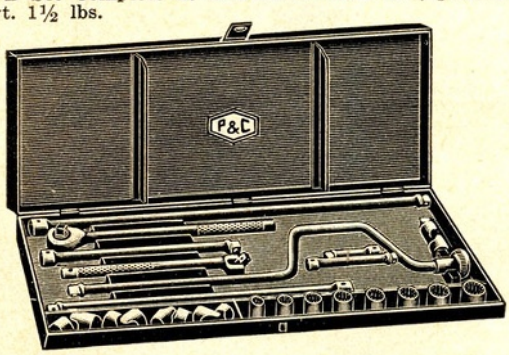


No. 3303-B Jiffy Set—12 Pt.—3/8" Sq. Dr.

This new handy Jiffy Set is "neat as a pin". Contains 7 most used sockets from 3/8" to 21/32", 4" Extension and 8" Flex Handle with sliding bar. A choice set.

No.	Description	No.	Description
3230	8" Flex Handle	3018	9/16" Socket
3202	2" Extension	3019	19/32" Socket
3012	3/8" Socket	3020	5/8" Socket
3014	7/16" Socket	3021	21/32" Socket
3016	1/2" Socket	3231	Bar for Flex

No. 3303 Box only, 8½" long x 2½" wide x 1¼" high—wt. 11 oz.
No. 3303-B Set Complete as illustrated and listed, packed in metal box—wt. 1½ lbs.

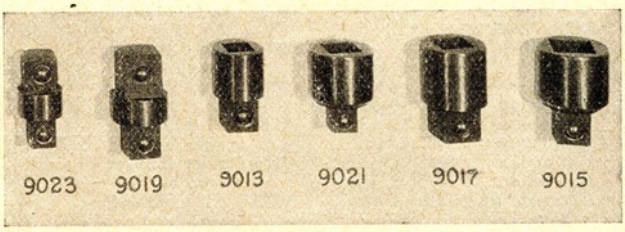


No. 3300-B Jiffy Set—12 Pt.—3/8" Sq. Dr.

Choice of skilled mechanics' Jiffy Assortment, including "3301" Set less Flex Spinner plus 2", 8" and 18" Extensions; Universal Joint; Speed Handle; Flex Handle with bar; 7/16" Universal Socket and regular sockets. Complete set of 21 Pieces for speed work in close places. In roomy metal box reinforced.

No.	Description	No.	Description
3202	2" Extension	3316	1/2" Universal Socket
3203	4" Extension	3318	9/16" Universal Socket
3204	8" Extension and Bar	3320	5/8" Universal Socket
3205	12" Extension	3012	3/8" Socket
3206	18" Extension	3014	7/16" Socket
3208	Universal Joint	3016	1/2" Socket
3210	Ratchet	3018	9/16" Socket
3215	Speed Handle	3019	19/32" Socket
3230	Flexible Handle	3020	5/8" Socket
3314	7/16" Universal Socket	3022	11/16" Socket
		3024	3/4" Socket

No. 3300 Box only, 18½ long x 6¾" wide x 1⅜" high—wt. 3¾ lbs.
No. 3300-B Set complete as illustrated and listed, packed in metal box—wt. 7¾ lbs.

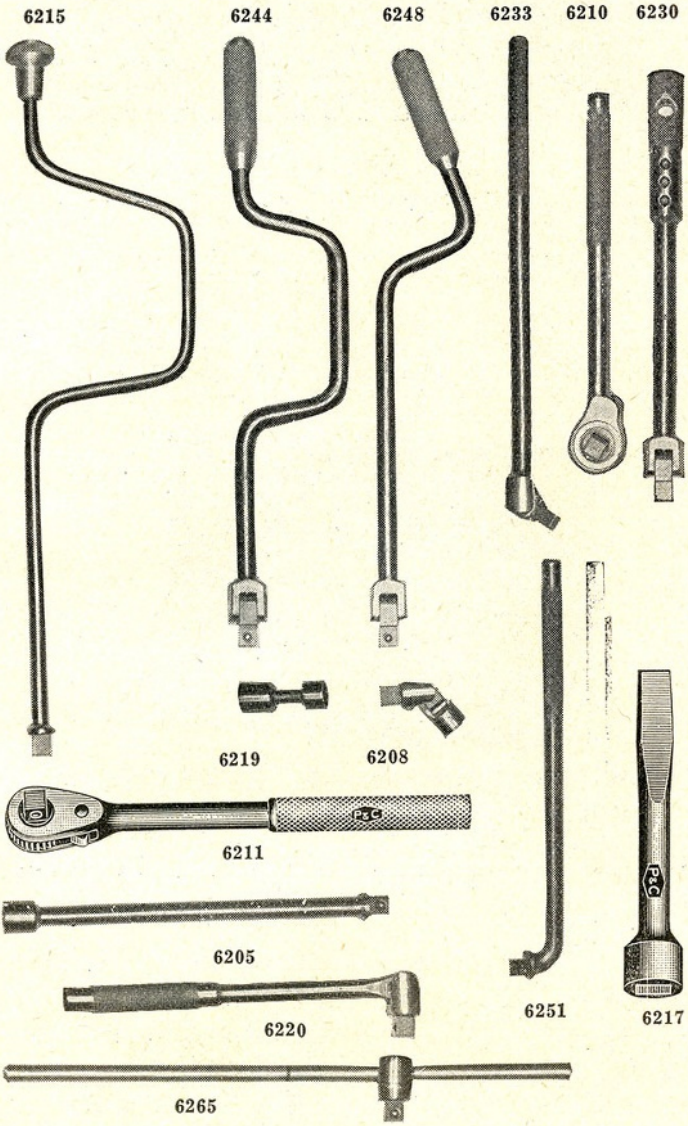


Jiffy Standard and Heavy Duty Adaptors

No.	Description	Length	Weight
3071	3/8" Male and 1/2" Female	1⅛"	2 oz.
3072	1/2" Male and 3/8" Female	1⅛"	2 oz.
9013	1/2" Male and 5/8" Female	1⅝"	6 oz.
9015	5/8" Male and 3/4" Female	2"	9 oz.
9017	3/4" Male and 5/8" Female	1-11/16"	6 oz.
9018	3/4" Male and 1/2" Female	1-9/16"	6 oz.
9019	5/8" Male and 3/4" Male	2"	6 oz.
9021	5/8" Male and 1/2" Female	1½"	4 oz.
9023	1/2" Male and 5/8" Male	1¾"	4 oz.
9025	1/2" Male and 3/4" Female	1⅝"	6 oz.
9026	3/4" Male and 1" Male	2"	11 oz.

P & C STANDARD SOCKET Series

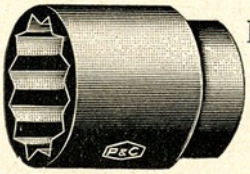
Complete in every particular as to size and variety, this P & C series will put efficiency and economy into any shop. Every tool reflects individuality of desin and use, back of which is continuous tool-making experience of over forty years. New improved flex handles with ½" female end and drilled for cross bar. Rugged Reversible Ratchets, positive control, open self-cleaning type. All hand forged for extra strength. Grip, fit, finish, mechanical accuracy, all found in P & C Tools. (See No. 20 Display Mdse. Unit, page 3.)



Standard Handles and Attach.—½" Sq. Dr.

No.	Description	Lgth.	Wt.
6201	½" Bar for 6228, 6235 & 6238 Flex Handles	11½"	11 oz.
6202	Extension	2½"	4 oz.
6203	Extension	5"	7 oz.
6204	Extension	8"	12 oz.
6205	Extension	10"	13 oz.
6206	Extension	20"	1½ lbs.
6207	Extension	26"	2 lbs.
6208	Univers. Jt.	2⅜"	6 oz.
6210	2-Way Plug Ratchet	10"	1 lb.
6211	Rev. Ratchet	10"	1¼ lbs.
6211-2	Long Reversible Ratchet	14"	1¾ lbs.
6214	Speed Hdle. 5" swing	14"	1½ lbs.
6215	Speed Hdle. 5" swing	18"	1¾ lbs.
6217	½" Bit, 4½" long, Sc. Dr.	6"	8 oz.
6219	Grease Baffle Socket	2"	3 oz.
6220	Flex Handle (out. hd)	11"	¾ lb.

No.	Description	Lgth.	Wt.
3207	5/16" Bar for 6220	7"	4 oz.
6228	Flex Handle (out. hd.)	18"	2 lbs.
6230	Flex Handle (in. hd.)	11"	1 lb.
6233	Flex Handle (in. hd.)	14"	1¼ lbs.
6235	Flex Handle (in. hd.	15"	1¾ lbs.
6238	Flex Handle (in. hd.)	19"	2 lbs.
6244	4½" Shank Speed Flex, 3½" swing	16½"	2 lbs.
6248	Flx Spin'r	15½"	1¾ lbs.
6251	L Handle	11"	¾ lb.
6252	⅜" Bar for 6230, 6233 Flex & 6150 S.P. Set	8"	5 oz.
6255	L Handle	15½"	1¾ lbs.
6260	Slid'g Bar T	10"	1 lb.
6265	Slid'g Bar T	15"	1½ lbs.
6270	Heavy Duty T Wr. for 6271	26"	2½ lbs.
6271	9/16" Bar for use with 6270	20"	1¼ lbs.



P & C Standard Socket Series
½″ Sq. Dr.
Straight Wall Extra Thin

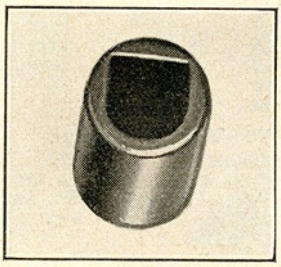
No.	12 Pt.*** Open'g	Overall Lgth. (Inches)	Clearance (Inches)	Wt.
6014	7/16	1⅜	⅝	3 oz.
6016	½	1⅜	⅝	3 oz.
*6018	9/16	1⅜	11/16	3 oz.
6019	19/32	1⅜	⅞	3 oz.
6020	⅝	1⅜	13/16	3 oz.
6021	21/32	1⅜	13/16	3 oz.
6022	11/16	1⅜	13/16	3 oz.
6024	¾	1⅜	¾	3 oz.
6025	25/32	1⅜	13/16	3 oz.
6026	13/16	1⅜	13/16	4 oz.
6028	⅞	1⅜	13/16	5 oz.
**6029	29/32	1⅜	13/16	5 oz.
6030	15/16	1⅜	13/16	5 oz.
6031	31/32	1½	15/16	5 oz.
6032	1″	1½	13/16	5 oz.
6034	1-1/16	1½	1″	6 oz.
6036	1⅛	1½	1″	6 oz.
6038	1-3/16	1-11/16	1″	7 oz.
6040	1¼	1-11/16	1″	8 oz.

*See No. 2018 Ford V-8 Con Rod Nuts.

**Extra heavy for Hudson, Chrysler, Dodge, DeSoto, Plymouth, Spring Shackles.

***Available in hex when specified.

Weatherhead Elbow Sockets—½″ Sq. Dr.

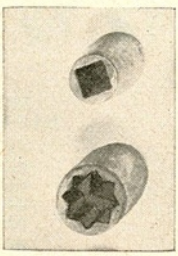


Weight 3 oz.

No.	Description
6106	7/16″ Weatherhead—3/16″ Elbow Socket
6108	½″ Weatherhead—¼″ Elbow Socket
6110	9/16″ Weatherhead—5/16″ Elbow Socket

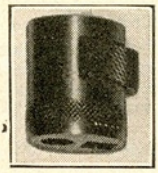
Square and 8 Pt. Sockets—½″ Sq. Dr.

No.	Description	Overall Length Inches	Inside Clearance Inches	Wt.
6054	7/16 Square	1-5/16	11/16	4 oz.
6056	½ "	1-5/16	11/16	4 oz.
6058	9/16 "	1-5/16	11/16	4 oz.
6060	⅝ "	1-5/16	11/16	4 oz.
6064	¾ "	1⅜	11/16	4 oz.
6068	⅞ "	1½	⅞	6 oz.
6072	1″ "	1⅝	1″	9 oz.
6084	7/16 8 Pt.	1-5/16	11/16	3 oz.
6086	½ "	1-5/16	11/16	3 oz.
6088	9/16 "	1-5/16	11/16	3 oz.
6090	⅝ "	1-5/16	11/16	4 oz.
6092	11/16 "	1-5/16	11/16	4 oz.
6094	¾ "	1-5/16	11/16	4 oz.



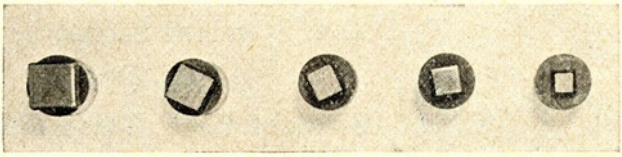
P & C Stud Bolt Wrenches

Overall Length 1⅞″ Weight 12 oz.



Adapted for use with the various style handles having ½-inch square service connections. The knurled roller works on eccentric, insuring positive grip on the stud. These stud bolt wrenches will take studs on all cars and trucks and work on "L", "T" or "speed" handles. The body has heavy knurling, which makes it easy to pull off handles. The rollers, which are not guaranteed, may be replaced by driving out the pin which holds them.

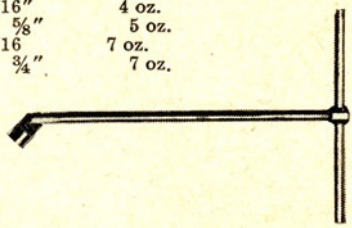
6300 5/16″ to ½″ Studs
6302 ½″ to ⅝″ Studs
6307 Roller for above wrenches



Drain Plug Sockets—½″ Sq. Dr.

The drain plug sockets have square plugs for engaging drain plugs, of the various sizes, as indicated. All 1½″ long.

No.	Square Plug	Weight
6350	5/16″	4 oz.
6352	⅜″	4 oz.
6354	7/16″	4 oz.
6356	½″	4 oz.
6358	9/16″	4 oz.
6360	⅝″	5 oz.
6362	11/16	7 oz.
6364	¾″	7 oz.



P & C Standard & Jiffy Universal T Wrenches

12″ Shank

Standard (½″ sq. dr.) wt. 12 oz. Jiffy (⅜″ sq. dr.) wt. 9 oz.

No.	12 pt. opening	No.
3512	⅜″	3562
3514	7/16″	3564
3516	½″	3566
3518	9/16″	3568
3520	⅝″	3570
3522	11/16″	
3524	¾″	

21″ Shank

Standard (½″ sq. dr.) wt. 1½ lbs. Jiffy (⅜″ sq. dr.) wt. 1 lb.

No.	12 pt. opening	No.
3812	⅜″	3862
3814	7/16″	3864
3816	½″	3866
3818	9/16″	3868
3820	⅝″	3870
3822	11/16″	
3824	¾″	

18″ Shank

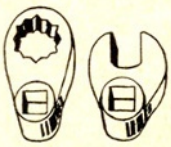
Standard (½″ sq. dr.) wt. 1 lb. Jiffy (⅜″ sq. dr.) wt. 12 oz.

No.	12 pt. opening	No.
3712	⅜″	3762
3714	7/16″	3764
3716	½″	3766
3718	9/16″	3768
3720	⅝″	3770
3722	11/16″	
3724	¾″	

Universal T Handles

Standard (½″ sq. dr.)			Jiffy (⅜″ sq. dr.)		
No.	Wt.	Shk.	No.	Wt.	Shk.
6073-1	12 oz.	12″	3074	9 oz.	21″
6074-1	1½ lbs.	21″			

When hex opening is desired, use same number followed by the word "hex".

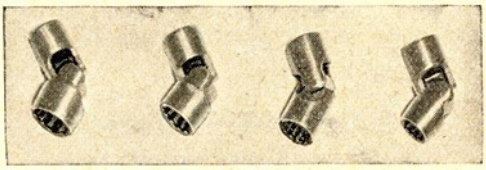


Crow Foot Sockets—½″ Sq. Dr.

Useful on automobile work, airplanes, trucks, tractors and machine shop work. Work on any type of handle having ½″ sq. dr, "L" handles, speed handles, extensions, etc. Form an offset box or open end wrench of any angle desired. Hand forged, of course, and heat treated.

12 Point and Open End

12 Pt. Socket No.	Open End Socket No.	Size	Weight
6156	6186	½″	2 oz.
6158	6188	9/16″	3 oz.
6160	6190	⅝″	3 oz.
6162	6192	11/16″	3 oz.
6164	6194	¾″	3 oz.
6166	6196	13/16″	4 oz.
6168	6198	⅞″	4 oz.



P & C Universal Sockets—½″ Sq. Dr.

Universal Sockets are very handy and save a lot of time and trouble in getting to those nuts that are in bad places. The Sockets here illustrated fit the various types of handles and attachments, making it possible to form many distinct Universal socket wrenches.

No.	12 Pt. Opening	Inside Clearance	Overall Length	Weight
6316	½″	⅜″	1⅝″	3 oz.
6318	9/16″	½″	2″	3 oz.
6320	⅝″	½″	2⅛″	4 oz.
6322	11/16″	½″	2⅛″	5 oz.
6324	¾″	½″	2⅛″	5 oz.

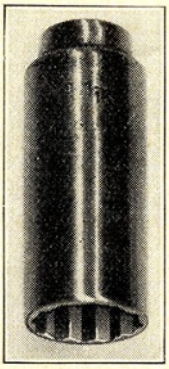
Drag Link Sockets—½″ Sq. Dr.

No.	Description	Overall Length	Weight
6076	⅛″x1″ Bit	1-7/16″	5 oz.
6077	⅛″x⅝″ Bit	1-5/16″	3 oz.
6078	¼″x1¼″ Bit	1-7/16″	6 oz.

Extra Deep Sockets—½″ Sq. Dr.

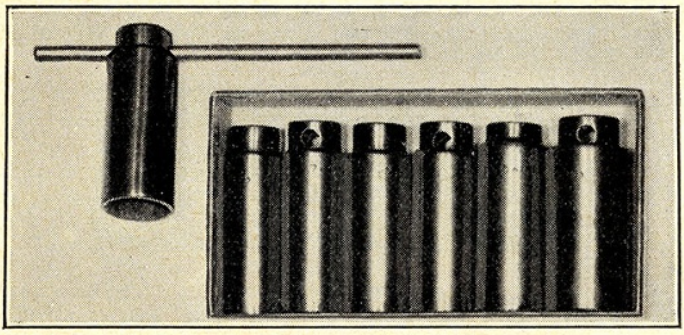
Inside Clearance 2¾″ Overall Length 3½″

Extra deep broaching, for double nut assemblies, for spark plugs, shackle bolts, body bolts and any places where nuts are deep.



No.	12 Pt. Opening	Weight
6116	½″	5 oz.
6118	9/16″-10mm AC	5 oz.
*6120	⅝″	5 oz.
*6122	11/16″-10mm Champ	5 oz.
*6124	¾″	5 oz.
6125	25/32″	5 oz.
*6126	13/16″ (14mm)	6 oz.
*6128	⅞″	6 oz.
*6129	29/32″ (18mm)	6 oz.
*6130	15/16″	8 oz.
*6132	1″ (18mm)	10 oz.
6134	1-1/16″	10 oz.
*6136	1⅛″	10 oz.
6140	1¼″	12 oz.

*Drilled for 3207 Cross Bar for Spark Plug Sockets.

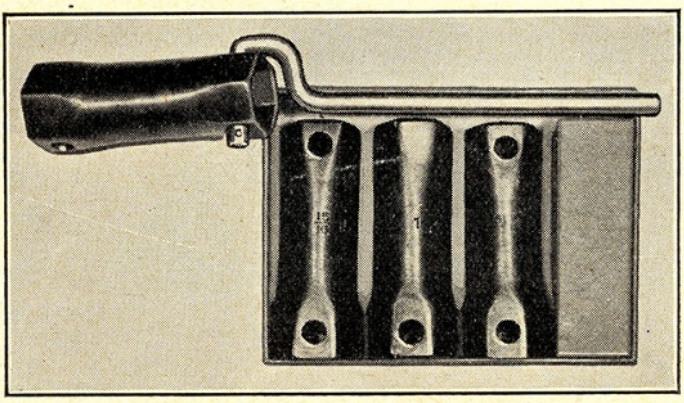


No. 6100 Spark Plug Set (Extra Deep)

Inside Clearance 2¾″—3½″ Overall Length

No.	12 Pt. Opening	Weight	No.	12 Pt. Opening	Weight
6126	13/16″ (14mm)	6 oz.	6132	1″ (18mm)	10 oz.
6128	⅞″	6 oz.	6136	1⅛″	10 oz.
6129	29/32″ (18mm)	6 oz.	3207	5/16″ Bar—7″ long	4 oz.
6130	15/16″	8 oz.			

6100-B Spark Plug Set in Metal Box.
6101 Spark Plug Set (like **6100** but sub. **6122** for **6128**.)
6101-B Spark Plug Set in Metal Box.



Double End Tubing Spark Plug Socket Wrenches

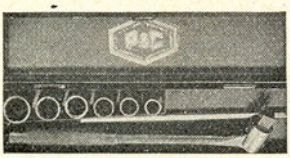
Overall Length 4″ Weight 8 oz.
Forged from high grade seamless heavy tubing; heat treated

No.	Description
6145	13/16 (53/64) and 29/32 (14mmx18mm)
6146	⅞ (29/32) and 1″ (1-1/32) (18mm)
6147	15/16 (31/32) and 1⅛ (1-5/32)
6252	⅜″ Bar x 8″ long—wt. 5 oz.
6150	Set in cardboard box, including 3 sockets and straight 6252 Bar—wt. 1½ lbs.
6151	Handle with snap as shown—extra 9″ long. wt. 6 oz.

No. SR-12 P & C Hot Forged Socket Set

Here is a popular set of 12 P & C straight wall hot forged and hot broached sockets packed in a steel tray.

No. SR-12 Tray only, 12½″ long—wt. 12 oz.
No. SR-12-B Packed in steel tray—wt. 2¼ lbs.



No. A-415-B Handy Flex Sets

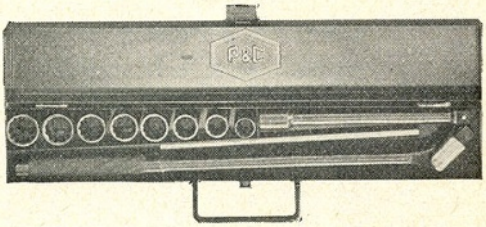
If a mechanic desires a handy set of ½″ square connection, 12 Point sockets, this set will satisfy. Set includes 6 P & C straight wall, hot forged sockets and one 10″ inside head flex handle as follows:

No.	Description	No.	Description
6220	10″ Flex Handle	6020	⅝″ Socket
6014	7/16″ Socket	6022	11/16″ Socket
6016	½″ Socket	6024	¾″ Socket
6018	9/16″ Socket	3207	Bar for 6220 Flex

Set No. A-415 Box only, 11″ long x 2½″ wide x 1½″ high—wt. 15 oz.
Set No. A-415-B Set complete as illustrated and listed, packed in metal box—wt. 2½ lbs.

No. A-416-B Special Socket Set—½″ Sq. Dr. 12 Point

Set No. A-416 Box only, 14″ long x 2½″ wide x 2″ high—wt. 1 lb. 9 oz.
Set No. A-416-B Set complete in box, including 7/16, ½, 9/16, ⅝, 21/32, 11/16, ¾, 25/32, 13/16 and ⅞ sockets, 6230 Flex Handle and 6252 Bar—wt. 4 lbs. 2 oz.

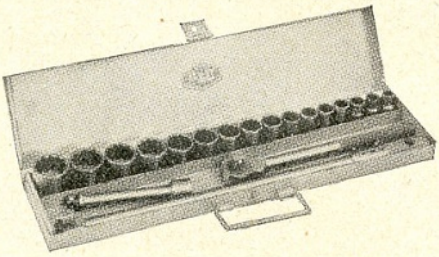


No. A-475-B Utility Set—½″ Sq. Dr.—12 Pt.

This 11-Piece Utility Set is just right for a mechanic or car owner who appreciates good tools for general work without large investment. Has 18″ P & C Flex Handle with Bar, 8″ Extension and ½″ to 1″ thin wall sockets. Narrow compact steel box with each tool in place for quick use. You can't miss on this.

No.	Description	No.	Description
6228	18″ Flex Handle	6024	¾″ Socket
6204	8″ Extension	6028	⅞″ Socket
6016	½″ Socket	6030	15/16″ Socket
6018	9/16″ Socket	6032	1″ Socket
6020	⅝″ Socket	6201	Bar for 6228 Flex
6022	11/16″ Socket		

Set No. A-475 Box only, 18″ long x 2¾″ wide x 1¾″ high—wt. 1¾ lbs.
Set No. A-475-B Set complete as illustrated and listed, packed in metal box—wt. 6½ lbs.

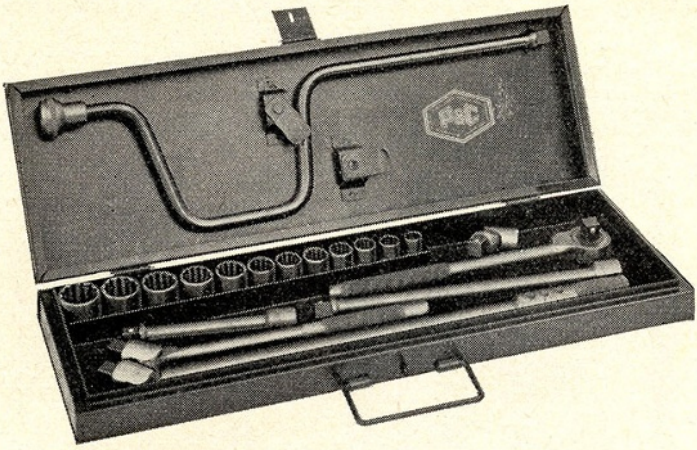


No. 6376-B Standard Socket Set—½″ Sq. Dr. 12 Point

A very complete and useful high grade socket set (20 Pieces) with essential handles and attachments including 5″ Extension, Two-way Ratchet, 18″ Flex with Strong Grip Handle and Bar, 7/16″ to 1¼″ Standard Hot Forged Sockets. Furnished in sturdy metal box partitioned for sockets. A fine assortment.

No.	Description	No.	Description
6203	5″ Extension	6022	11/16″ Socket
6210	Ratchet	6024	¾″ Socket
6238	18″ Flex Handle	6026	13/16″ Socket
6201	Bar for Flex	6028	⅞″ Socket
6014	7/16″ Socket	6030	15/16″ Socket
6016	½″ Socket	6032	1″ Socket
6018	9/16″ Socket	6034	1-1/16″ Socket
6019	19/32″ Socket	6036	1⅛″ Socket
6020	⅝″ Socket	6038	1-3/16″ Socket
6021	21/32″ Socket	6040	1¼″ Socket

Set No. 6376 Box only, 18¾″ long x 4¼″ wide x 2″ high—wt. 2½ lbs.
Set No. 6376-B Set complete as illustrated and listed, packed in metal box—wt. 10 lbs.

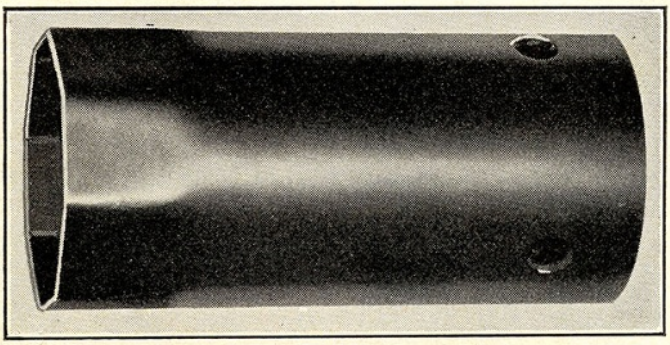


No. 6375-B Standard Socket Set—½″ Sq. Dr. 12 Point

20-Piece Standard Socket Set for all around mechanics' use. Highest quality alloy steel hand forgings, straight thin wall sockets, extra strong handles and attachments. Most generally used tools including 5″ and 10″ Extensions, Universal Joint, Two-way Ratchet, Speed Handle, 10″ and 18″ Flex Handles with bar, ⅞″ to 1″ sockets. Carefully packed in heavy reinforced metal box with lock hasp and handle. A very popular set.

No.	Description	No.	Description
6203	5″ Extension	6018	9/16″ Socket
6205	10″ Extension	6019	19/32″ Socket
6208	Universal Joint	6020	⅝″ Socket
6210	Ratchet	6021	21/32″ Socket
6215	Speed Handle	6022	11/16″ Socket
6220	10″ Flex Handle	6024	¾″ Socket
6228	18″ Flex Handle	6026	13/16″ Socket
6201	Bar for Flex	6028	⅞″ Socket
6014	7/16″ Socket	6030	15/16″ Socket
6016	½″ Socket	6032	1″ Socket

Set No. 6375 Box only, 20″ long x 6½″ wide x 5½″ high—wt. 4 lbs.
Set No. 6375-B Set complete as illustrated and listed, packed in metal box—wt. 13¾ lbs.



No. 1229 Special Duty Hex and Octagon Tubing Sockets for Trucks, Tractors, and Rear Wheel Bearing Adjusting Nuts

P & C Heavy Duty Tubing Sockets are hand forged from selected seamless steel tubing and heat treated for special strength. Can be used for inner and outer rear wheel adjusting nuts on Dodge and other trucks where limited clearance will not permit using regular sockets or wrenches. Indispensable for special work and have wide range of application.

(Drilled for ⅝″ bar not furnished with socket)

No. 1225—Double End Tubing Socket 2½″ Hex x 2-13/16″ Oval. (Adapted to '34 1½ ton Dodge Trucks.) length. 9″; weight 2½ lbs.

No. 1226—Single End Tubing Socket 2¾″ Hex. (Adapted to '31, '32, '33, '34 1½ Dodge Trucks.) length 9″; weight 2½ lbs.

No. 1227—Double End Tubing Socket 3⅜″ Hex x 3-13/16″ Oval. (Adapted to '34 2 ton Dodge Trucks.) length 8″; wt. 3 lbs.

No. 1228—Single End Tubing Socket 3⅛″ Octagon. (Adapted to '35 and '36 1½ ton Dodge Trucks.) length 8″; weight 3 lbs.

No. 1229—Single End Tubing Socket 3⅝″ Octagon. (Adapted to Dodge '36 2 ton Truck.) length 8″; wt. 3 lbs.

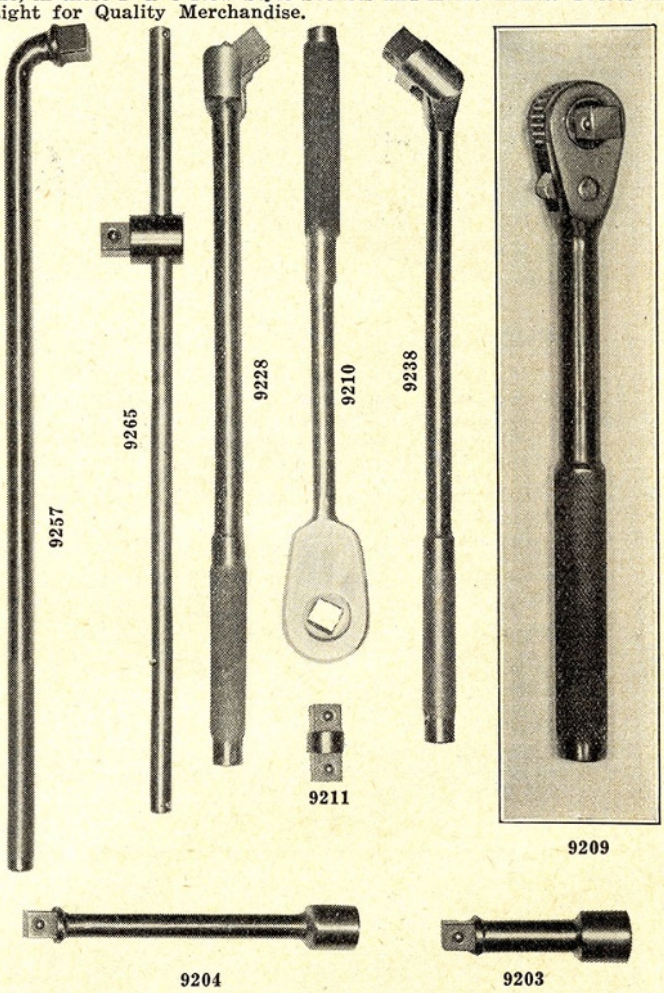
No. 1230—Single End Tubing Socket 3″ Octagon. (Adapted to Ford '34 and later model trucks). length 7″; weight 2½ lbs.

Other sizes furnished on request.

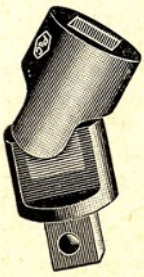
HEAVY DUTY SOCKET SERIES

¾″ Square Drive

P & C Heavy Duty Truck, Tractor and Industrial Sockets are Straight Wall, Hot Forged, and embody all the Finer Qualities of being Extremely Thin, Beautifully Finished and yet very Tough. Design, Strength, Beauty, Quality, Fit, Balance are all embodied in one, in these P & C New Style Sockets and Attachments. Prices are Right for Quality Merchandise.



Heavy Duty Handles & Attachm'ts—¾″ Sq. Dr.

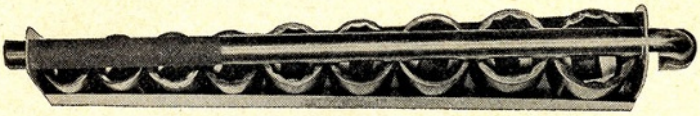


9208

No.	Description	Overall Length	Weight
9201	½″ Bar for Flex Handle	11½″	1¼ lbs.
9203	Extension	5″	1¼ lbs.
9204	Extension	8″	1¼ lbs.
9206	Extension	16″	2¼ lbs.
9208	Universal Joint	4″	1¼ lbs.
9209	Reversible Ratchet	20″	5 lbs.
9210	Ratchet, female opening	18″	3¾ lbs.
9211	Ratchet Connection	2⅛″	6 oz.
9212	Spec. Ext., ¾″ male ea. end	6″	1½ lbs.
9214	Speed Handle	17″	3¾ lbs.
9228	Flex Handle (outside head)	18″	3½ lbs.
9238	Flex Handle (inside head)	19″	3½ lbs.
9255	L Handle	17″	2½ lbs.
9256	L Handle	20″	2½ lbs.
9257	L Handle	24″	3 lbs.
9264	Sliding Bar T	18″	2¾ lbs.
9265	Sliding Bar T	21″	3 lbs.

P & C Heavy Duty Sockets—¾″ Sq. Dr. (Straight Wall)

No.	12 Pt. Opg. (in.)	Inside Clear. (in.)	Over-all Lgth. (in.)	Wt.
9328	⅞	1⅛	2	6 oz.
9330	15/16	1⅛	2	6 oz.
9331	31/32	1⅛	2	6 oz.
9332	1″	1⅛	2	6 oz.
9334	1-1/16	1⅛	2	8 oz.
9336	1⅛	1¼	2⅛	8 oz.
9338	1-3/16	1¼	2⅛	10 oz.
9340	1¼	1¼	2¼	10 oz.
9342	1-5/16	1¼	2¼	¾ lb.
9344	1⅜	1⅜	2⅜	¾ lb.
9346	1-7/16	1⅜	2⅜	¾ lb.
9348	1½	1½	2⅜	1 lb.
9350	1-9/16	1½	2⅜	1 lb.
9352	1⅝	1½	2⅜	1¼ lbs.
9354	1-11/16	1¾	2½	1¼ lbs.
9356	1¾	1-13/16	2½	1½ lbs.
9358	1-13/16	1-13/16	2⅝	1¾ lbs.
9360	1⅞	1⅞	2⅝	2 lbs.
9364	2″	1⅞	2¾	2¼ lbs.
9368	2⅛	1⅞	2⅞	2¼ lbs.
9370	2-3/16	2-3/16	2⅞	2½ lbs.
9372	2¼	2-3/16	2⅞	2¾ lbs.
9376	2⅜	2-1/16	2⅞	3 lbs.

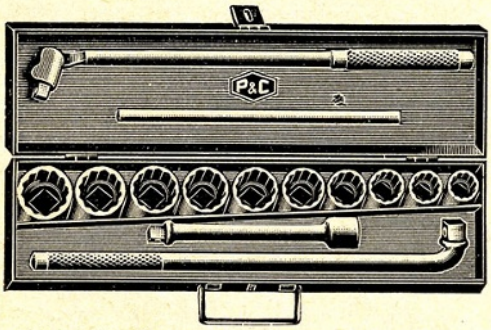


No. 9309-B Set—¾″ Sq. Dr.—12 Point

The heavy duty socket set illustrated above as Set No. 9309-B contains nine most used heavy duty sockets and one 17″ "L" handle.

No.	Description	No.	Description
9255	17″ L Handle	9340	1¼″ Socket
9330	15/16″ Socket	9344	1⅜″ Socket
9332	1″ Socket	9346	1-7/16″ Socket
9334	1-1/16″ Socket	9348	1½″ Socket
9336	1⅛″ Socket	9352	1⅝″ Socket

Set No. 9309 Tray only, 16″ long—wt. 1½ lbs.
Set No. 9309-B Packed in steel tray as listed—wt. 10 lbs.



No. 9300-B Set—¾″ Sq. Dr.—12 Point

Heavy Duty Truck and Tractor Set, including popular sizes for general use. A real value.

No.	Description	No.	Description
9330	15/16″ Socket	9348	1½″ Socket
9332	1″ Socket	9352	1⅝″ Socket
9334	1-1/16″ Socket	9356	1¾″ Socket
9336	1⅛″ Socket	9228	18″ Flex Handle
9340	1¼″ Socket	9255	17″ L Handle
9344	1⅜″ Socket	9204	8″ Extension
9346	1-7/16″ Socket	9201	Bar for Flex Handle

Set No. 9300 Box only, 20½″ long x 8¾″ wide x 3″ high—wt. 5¾ lbs.
Set No. 9300-B Set complete as illustrated, in metal box—wt. 22 lbs.

"Budd Type" Dual Wheel Wrench Set

Ingeniously designed, easily handled, this remarkable wrench set simplifies and speeds up tire changes and repair work on "Budd" type dual wheels. Working simultaneously with the two wrenches in the set, one man can quickly and effectively manipulate both the outside hex and the inside square nut combinations of the dual wheel.

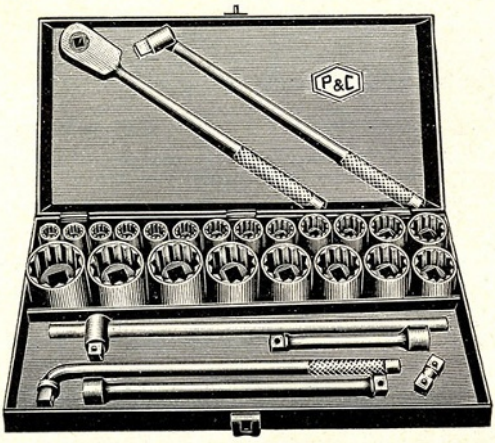
The new Dual Wheel Wrench combination is the finest and simplest of its kind. It is priced low enough to encourage every truck and bus operator to carry a set for emergency service and certainly every repair and maintenance shop should have one.

No.	Description
9248	1½″ 12 pt. x 15″ Crowfoot Extension T Wr. (14″ clearance) wt. 3 lbs.
9246	⅞″ x 24″ Bar for 9248. wt. 4 lbs.
9244	¾″ Sq. Dr. x 15″ Extension T Wrench. wt. 2 lbs.
9242	¾″ x 18″ Bar for 9244. wt. 2 lbs. 2 oz.
9326-8	13/16″ 8 pt. (dbl. square) Heavy Duty Socket. wt. 10 oz.
9348	1½″ 12 pt. (dbl. hex) Heavy Duty Socket. wt. 1 lb.
9250	Set tools only. wt. 14 lbs.
9250-B	Set in Heavy Metal Box. wt. 15½ lbs.

Universal Truck Rim Wrench Sets

Including 9244 Ext. T Wrench, 9242 Bar with H.D. Dbl. Sq. and Dbl. Hex Sockets to fit.

No. 9251-T Set Ext. T Wrench & Bar, Socket openings 13/16 Dbl. Sq., ⅞ Dbl. Hex, 1-1/16 Dbl. Hex, 1⅛ Dbl. Hex, 1¼ Dbl. Hex & 1½ Dbl. Hex. Tools only.
No. 9251 B Set Complete in metal box.

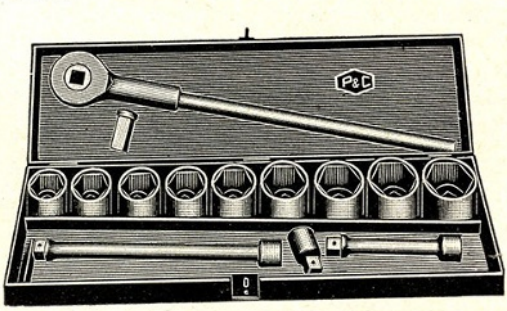


No. 9320-B Heavy Duty Set—¾″ Sq Dr—12 Pt.

This is a very complete 29-Piece Heavy Duty Set, including all sizes of sockets, handles and attachments for every kind of truck, tractor or industrial job.

No.	Description	No.	Description
9204	8″ Extension	9342	1-5/16″ Socket
9206	16″ Extension	9344	1⅜″ Socket
9210	Ratchet	9346	1-7/16″ Socket
9211	Ratchet Connection	9348	1½″ Socket
9228	18″ Flex Handle	9352	1⅝″ Socket
9255	20″ L Handle	9356	1¾″ Socket
9265	21″ Sliding Bar	9358	1-13/16″ Socket
9328	⅞″ Socket	9360	1⅞″ Socket
9330	15/16″ Socket	9364	2″ Socket
9331	31/32″ Socket	9368	2⅛″ Socket
9332	1″ Socket	9370	2-3/16″ Socket
9334	1-1/16″ Socket	9372	2¼″ Socket
9336	1⅛″ Socket	9376	2⅜″ Socket
9338	1-3/16″ Socket	9201	Bar for Flex Handle
9340	1¼″ Socket		

Set No. 9320 Box only, 23″ long x 9¾″ wide x 3½″ high—wt. 8¾ lbs.
Set No. 9320-B Set complete as illustrated and listed, packed in metal box, wt. 52 lbs.



Giant Extra Heavy Duty Set—1″ Sq. Dr.—Hex.

This new P & C Giant Extra Heavy Duty Set is even stronger than it looks. Every tool individually hand forged from highest grade Alloy Steel and heat treated for super strength. No job too heavy nor too difficult. Takes the place of many heavy duty open end wrenches for greater speed and convenience. This Giant set is suitable for trucks, tractors, road work, oil derricks, mining, public utilities, marine and general heavy duty industrial maintenance and construction work. Extra strong metal box with socket compartment, carrying handles, heavy hinges, lock hasp, etc.

No.	Description	Inside Clearance Inches	Overall Length Inches	Weight
9501	Heavy bar for Ratchet or T Head, 1″ stk.		24	5¼ lbs.
9504	Extension, drilled for bar		9	4½ lbs.
9506	Extension, drilled for bar		17	6½ lbs.
9510	Ratchet Head		9½	7¾ lbs.
9511	Ratchet Connection		3	1 lb.
9565	T Head		3	1½ lbs.
9564	2″ Hex Socket	2½	3½	3¼ lbs.
9568	2⅛″ "	2¼	3⅜	3 lbs.
9570	2-3/16″ "	2⅜	3-7/16	3½ lbs.
9572	2¼″ "	2⅝	3⅝	4 lbs.
9576	2⅜ "	2⅝	3⅝	4 lbs.
9580	2½″ "	2⅝	3-5/16	5 lbs.
9582	2-9/16″ "	2⅞	3¾	5 lbs.
9584	2⅝″ "	2⅞	3⅞	6½ lbs.
9588	2¾″ "	2⅞	3⅞	6½ lbs.

9500 Box only, 23″ long x 9¾″ wide x 3½″high—wt. 14 lbs.
9500-B Set complete as illustrated and listed, not including 9594, 9600, 9612 sockets—wt. 75 lbs.

Additional sizes not included with set.

9594	2-15/16″ Hex Socket,	3⅛	4	7 lbs.
9600	3⅛″ " "	3⅛	4⅛	7½ lbs.
9612	3½″ " "	3½	4½	11 lbs.

No. 9318-B Heavy Duty Set—¾″ Sq Dr—12 Pt.

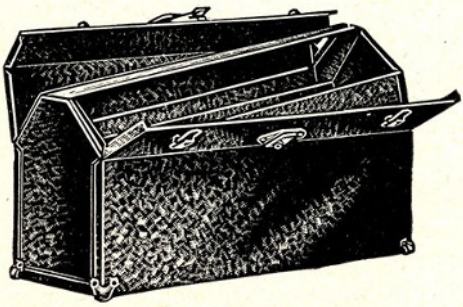
Similar to 9320 Set, including only the more popular size sockets and attachments. A very popular 19-piece Heavy Duty Set for all around use.

No.	Description	No.	Description
9204	8″ Extension	9336	1⅛″ Socket
9206	16″ Extension	9340	1¼″ Socket
9210	Ratchet	9342	1-5/16″ Socket
9211	Ratchet Connection	9344	1⅜″ Socket
9214	Speed Handle (optional)	9346	1-7/16″ Socket
9228	18″ Flex Handle	9348	1½″ Socket
9255	17″ L Handle	9352	1⅝″ Socket
9265	21″ Sliding Bar	9356	1¾″ Socket
9332	1″ Socket	9201	Bar for Flex Handle
9334	1-1/16″ Socket		

9318 Box only, 23″ long x 10″ wide x 3½″ high—wt. 8½ lbs.
9318-B Set complete as illustrated and listed, packed in metal box, wt. 35 lbs.

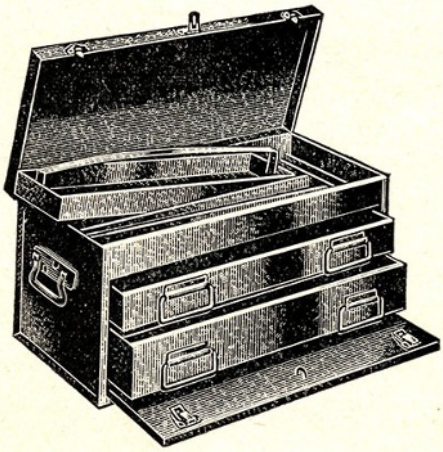
P & C Tool Chests

P & C Chests are neat, convenient, and of heavy steel construction throughout. Furnished in "Art Craft" black and brown finish. Equipped with tote tray having heavy carrying bar and special compartments to keep sockets in position. The chests have round leather handles, nickled strong hasp locks, bolts and corner irons. No wasted space, compact for handling or carrying in a car or truck on service work.



No.	Description	Size	Ship. wt.
**9325	Senior Chest with Tray	20x8x9¾	15 lbs.
*6378	Junior Chest with Tray	19x7¼x9	12 lbs.
*6380	Senior Chest with Tray	20x10¼x12⅝	18 lbs.
*6378-1	Tray only "for 6378 chest"		4 lbs.
*6380-1	Tray only "for 6380 chest"		6 lbs.
**9325-1	Tray only "for 9325 chest"		5 lbs.

*Chests and Trays illustrated above and in Chest Sets on next page.
**Chest & Tray illustrated in 9325-B Chest Set only, on next page.



No. 9323 Heavy Duty Tool Chest

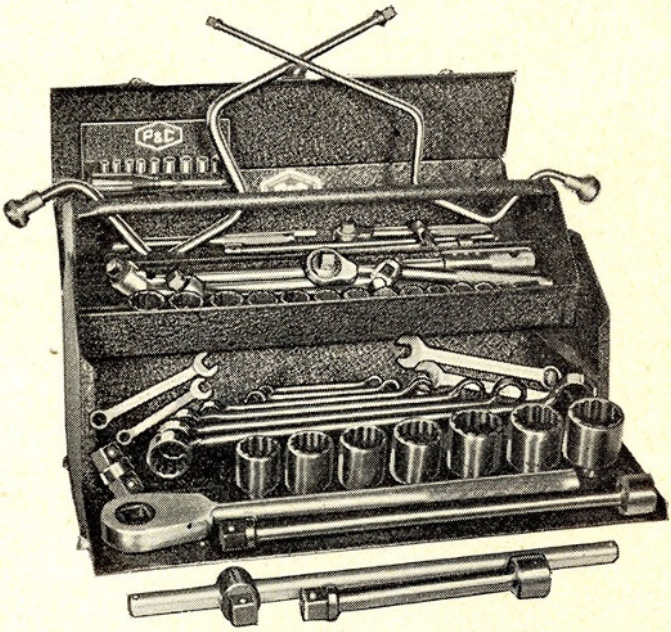
A "Mechanic's Choice" heavy duty tool chest with handy 18″ tote tray. Top chest compartment partitioned to accommodate different socket wrench sizes. Top drawer is divided in sections for end wrenches and small tools . Bottom drawer takes care of heavy duty sockets and larger tools. The drawers "pull" easily. The chest lid has sturdy nickle plated hasp and side catches. Strong carrying handles on each end. Attractive crystalline finish.
No. 9323 Heavy Duty Chest, 22″x10″x10″—ship. wt. 40 lbs.

(Select tool assortment on page 13.)

P & C SELECTED TOOL CHEST SETS

P & C Chest Assortments are designed to please practical but discriminating mechanics who appreciate carefully selected, popular hand forged tools of highest quality. Not one unnecessary tool in the lots and with chest room for "building" the set as desired.

P & C Chest Sets are available in sizes to fit the pocket book and with room for "expansion". **The tools are listed for convenience on the opposite page** and are described more fully elsewhere in the catalog. These chests are very popular with "particular" mechanics and are exceptional values. **See chests only on preceding page.** If desired chests may be substituted for price difference.



No. 9325 Senior "A" Chest—74 Pieces

A carefully selected list of popular and most frequently used mechanics' tools which will do 90% of all service work. Provides representative numbers in all size connections from Jiffy Junior ¼" square drive sockets for ignition and radio work to the heavy duty line with ¾" square drive for truck, tractor and industrial use. Ignition set in metal box, heavy tote tray and side opening chest 20" long by 8" wide by 9¾" high. In black crystalline finish. A very choice and complete set which a mechanic will be proud to own.

No. 9325-T—Tools only—wt. 35 lbs.

No. 9325-B—Set complete as illustrated in 9325 chest; ship. wt. 50 lbs.

No. 6380 Senior "B" Chest—57 Pieces

A very comprehensive assortment of 57 quality Hand Forged Tools most used in every day service and emergency work. Includes standard, ½" square drive sockets, extensions, universal joint, two-way ratchet, speed handle, flex handles, universal sockets, extra deep sockets for spark plug work, box wrenches, open end wrenches, tappet wrenches, punches, cold chisels and screw drivers. Senior P & C Chest 20"x10"x12⅝", with heavy partitioned tote tray, 22 gauge steel, leather handle, hasp lock, reinforced corners, crystalline finish. All tools in chest of highest P & C quality and absolutely guaranteed. Almost everything a mechanic needs in hand forged tools. An excellent value.

No. 6380-T—Tools only; wt. 22 lbs.

No. 6380-B—Set complete in 6380 chest (see page 11—ship. wt. 40 lbs.

No. 6379 Farmers' Tractor Tool Set—37 Pieces

The new Farmers' Tractor Tool Set consists of high grade, hand forged tools especially designed for average tractor service and maintenance work on the farm. Only those tools considered absolutely necessary for tractor service and maintenance work are included in the set.

No. 6379-T—Farmers' Tractor Set—Tools only; wt. 18 lbs.

No. 6379-B Farmers' Tractor Tool Set in 6378 chest (see Page 11)—ship. wt. 30 lbs.

No. 9326 Industrial Tractor Tool Set—60 Pieces

The Industrial Tractor Set consists of a choice assortment of quality hand forged tools for a complete overhauling and service job on the average tractr. Every tool is unconditionally guaranteed and recommended for expert mechanical service. P & C Tools are built to stand heavy strain and will not fail on emergency jobs where quick and dependable service is required.

No. 9326-T—Industrial Tractor Set—Tools only—wt. 44 lbs.

No. 9326-B Industrial Tractor Set in 6380 chest (see page 11)—ship wt. 62 lbs.

No. 6378 Junior "A" Chest—37 Pieces

The Junior "A" Assortment is truly a "nifty" 37 Piece Set of every-day used tools which a mechanic needs. A choice service kit including popular sizes in standard P & C Sockets, ½" Conn., most used handles and attachments, popular Two-In-One Wrenches, Box Wrenches, Spark Plug Sockets drilled for cross bar, and a few selected punches, chisels and screw drivers. The chest, 19" long by 7¼" wide by 9" high, is similar in construction but slightly smaller than the Senior "B" Chest. In brown crystalline finish. A dandy set at a reasonable price and good value.

No. 6378-T—Tools only; wt. 13 lbs.

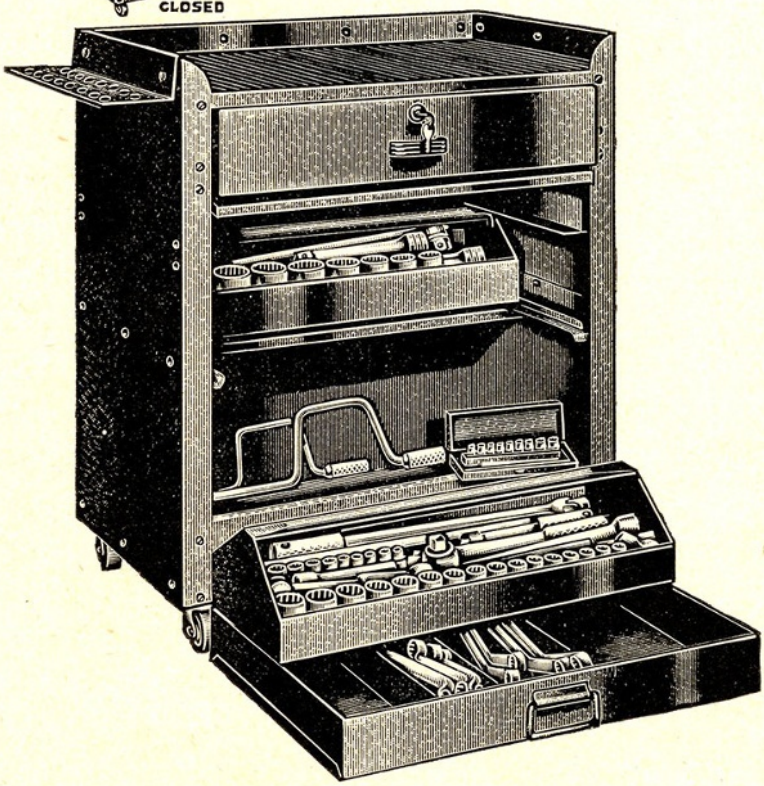
No. 6378-B—Standard Jr. Chest Assortment in 6378 chest (see page 11); ship. wt. 30 lbs.

No. 3302 Junior "B" Chest—37 Pieces

The Junior "B" Chest corresponds to the Junior "A" Assortment but features the ⅜" Conn. Jiffy Line instead of the ½" Standard Series. This 37 Piece Assortment is especially desirable for light automotive, aircraft and "speed" service work. Includes popular socket sizes with choice handles and attachments, Universal sockets, Two-In-One Wrenches, Box Wrenches, Extra Deep Jiffy Sockets and a selection of Punches, Chisels and Screw Drivers. This Chest is of the same size and finish as the Junior "A" and in great demand among mechanics. The Senior "B" Chest may be substituted at extra cost.

No. 3302-T—Tools only; wt. 9 lbs.

No. 3302-B—Junior Chest Assortment in 6378 chest(see page 11)



P & C Tool Wagon and Cabinet Work Bench

(Deluxe Tool Assortment)

P & C offers unusual value and "working" convenience in its new 29"x24½"x15⅜" Deluxe Tool Wagon and Cabinet Work Bench. Sturdily and compactly built from heavy steel. 1½"x15"x24⅛" clear work bench top with rubber mat; 16 valve detachable holder; 4½"x15"x21" easy sliding top drawer with independent tumbler lock; 2½"x14½"x24¾" second easy slide drawer with partitions; two 4½"x7" (approx.)x20¾" spacious heavy tote trays with socket compartments; 10¼"x15"x24⅛" roomy tool cabinet with strong locking door which slides under top drawer when cabinet is open; extra strong swivel casters. Every part built for endurance and good service. Beautiful green wrinkle finish with chromium trim. A mechanic's delight.

No. 9390 Tool Wagon and Cabinet Work Bench only—ship. wt. 91 lbs.

No. 9390-B Tool Wagon and Cabinet complete with Deluxe Assortment Tools as illustrated—ship wt. —

(See Deluxe Tool Assortment listing on next page)

P & C SELECTED TOOL CHEST SETS

List of Tools showing Numbers, Sizes and Items (*) in Chests on preceding pages

No.	Size	No. 3302 Junior "B" Chest	No. 6378 Junior "A" Chest	No. 6380 Senior "B" Chest	No. 9325 Senior "A" Chest	No. 6379 Farm Tractor Set	No. 9326 Ind. Tractor Set	No. 9390 Tool Wagon Asst.
	Jiffy Junior Ser.—¼ Sq. Dr.							
0206	3/16 6 pt. Socket				*			*
0207	7/32 6 pt. Socket				*			*
0208	¼ 6 pt. Socket				*			*
0209	9/32 6 pt. Socket				*			*
0210	5/16 6 pt. Socket				*			*
0211	11/32 12 pt. Socket				*			*
0212	3/8 12 pt. Socket				*			*
0214	7/16 12 pt. Socket				*			*
0278	¼ 8 pt. Socket				*			*
0280	5/16 8 pt. Socket				*			*
0253	Sliding T Handle				*			*
0259	¼ Socket Spinner				*			*
0200-B	Metal Box only				*			*
	Jiffy Series—3/8 Sq. Dr.							
3010	5/16 12 pt. Socket							*
3012	3/8 12 pt, Socket	*			*			*
3014	7/16 12 pt. Socket	*			*			*
3016	½ 12 pt. Socket	*			*			*
3018	9/16 12 pt. Socket	*			*			*
3019	19/32 12 pt. Socket	*			*			*
3020	5/8 12 pt. Socket	*			*			*
3021	21/32 12 pt. Socket				*			*
3022	11/16 12 pt. Socket	*			*			*
3024	¾ 12 pt. Socket	*			*			*
3088	¼ 8 pt. Socket				*			
3090	5/16 8 pt. Socket				*			
3092	3/8 8 pt. Socket				*			
3095	7/16 8 pt. Socket							*
3096	½ 8 pt. Socket							*
3098	9/16 8 pt. Socket							*
3116	½ E. D. Socket	*						
3118	9/16 E.D.(AC 10mm) S. P. Skt.	*						*
3120	5/8 E. D. Socket	*						
3122	11/16 E.D.(Champ. 10 mm)Skt.	*						*
3126	13/16 E.D.(AC&Champ.14mm)							*
3203	4" Extension	*						*
3204	8" Extension				*			*
3205	12" Extension	*			*			
3206	18" Extension	*						
3208	3/8 Universal Joint	*			*			*
3209	Reversible Ratchet							*
3210	Two-Way Plug Ratchet	*			*			
3211	Screw Driver Socket							*
3215	18" Speed Handle	*			*			*
3230	8" Flex Handle	*			*			*
3314	7/16 Universal Socket	*						
3316	½ Universal Socket	*						*
3318	9/16 Universal Socket	*						*
3320	5/8 Universal Socket							*
	Standard Series—½ Sq. Dr.							
6014	7/16 12 pt. Standard Socket		*	*	*	*	*	*
6016	½ 12 pt. Standard Socket		*	*	*	*	*	*
6018	9/16 12 pt. Standard Socket		*	*	*	*	*	*
6019	19/32 12 pt. Standard Socket		*	*	*	*		*
6020	5/8 12 pt. Standard Socket		*	*	*	*	*	*
6021	21/32 12 pt. Standard Socket		*	*	*			*
6022	11/16 12 pt. Standard Socket		*	*	*	*	*	*
6024	¾ 12 pt. Standard Socket		*	*	*	*	*	*
6025	25/32 12 pt. Standard Socket					*		
6026	13/16 12 pt. Standard Socket		*	*	*	*		*
6028	7/8 12 pt. Standard Socket		*	*	*	*	*	*
6030	15/16 12 pt. Standard Socket		*	*	*	*	*	*
6032	1" 12 pt. Standard Socket			*	*	*	*	*
6034	1 1/16 12 pt. Standard Socket				*			*
6077	Drag Link Socket			*				*
6201	Bar for Flex		*	*	*		*	*
6203	5" Extension		*	*	*		*	*
6205	10" Extension		*	*	*		*	*
6208	Universal Joint		*	*	*		*	*
6210	Two-Way Plug Ratchet		*	*	*			
6211	Reversible Ratchet 10"						*	*
6215	18" Speed Handle		*	*	*		*	*
6230	10" Flex Handle			*	*			*
6238	18" Flex Handle		*	*	*		*	*
6244	4½" Shank Speed Flex					*		*
6255	15" L Handle							*
SR-12	Socket Tray							*
6126	13/16 (14 mm) E. D. Socket		*	*				*
6128	7/8 E. D. Socket		*	*				*
6129	29/32 18 mm) E. D. Socket		*	*				*
6132	1" (18 mm) E. D. Socket		*	*				*
6136	1 1/8" E. D. Socket		*	*				*
3207	Cross Bar for Sp. Plug Skts.		*	*				*
6316	½ Universal Socket			*				
6318	9/16 Universal Socket			*				
6320	5/8 Universal Socket			*				
6322	11/16 Universal Socket			*				*
6324	¾ Universal Socket			*				*
	Heavy Duty Ser.—¾ Sq. Dr.							
9204	8" H. D. Extension				*			*
9206	16" H. D. Extension				*			
9210	H. D. Two-Way Ratchet				*		*	*
9211	H. D. Ratchet Connection				*		*	*
9238	19" Flex Handle							*
9264	18" Sliding T Bar				*		*	*
9334	1 1/16 H. D. Socket						*	
9336	1 1/8 H. D. Socket				*		*	*
9338	1 3/16 H. D. Socket				*			*

(Continued on page 14.)

P & C SELECTED TOOL CHEST SETS

List of Tools showing Numbers, Sizes and Items (*) in Chests on preceding pages

No.	Size	No. 3302 Junior "B" Chest	No. 6378 Junior "A" Chest	No. 6380 Senior "B" Chest	No. 9325 Senior "A" Chest	No. 6379 Farm Tractor Set	No. 9326 Ind. Tractor Set	No. 9390 Tool Wagon Asst.
9340	1 1/4 H. D. Socket				*		*	*
9342	1 5/16 H. D. Socket				*		*	*
9344	1 3/8 H. D. Socket				*			*
9346	1 7/16 H. D. Socket				*			*
9348	1 1/2 H. D. Socket				*		*	*
9352	1 5/8 H. D. Socket						*	*
9354	1 11/16 H. D. Socket						*	
9356	1 3/4 H. D. Socket						*	*
9360	1 7/8 H. D. Socket						*	
9364	2" H. D. Socket						*	
	Box Wrenches—12 pt.							
2112	5/16 x 3/8 (short type)							*
2114	3/8 x 7/16 (short type)			*	*			
2116	7/16 x 1/2 (short type)							*
2118	1/2 x 9/16 (short type)			*	*			
2218	1/2 x 9/16 (long type)						*	
2220	9/16 x 5/8 (long type)							*
2214	3/8 x 7/16 (long type)						*	
2222	5/8 x 11/16 (long type)			*	*		*	
2224	11/16 x 3/4 (long type)	*	*					*
2228	3/4 x 7/8 (long type)			*	*		*	
2229	13/16 x 7/8 (long type)	*	*					*
2230	7/8 x 15/16 (long type)						*	
2232	15/16 x 1" (long type)	*	*	*	*	*		*
2234	1" x 1 1/16 (long type)						*	
2236	1 1/16 x 1 1/8 (long type)			*	*			*
2240	1 1/8 x 1 1/4 (long type)					*	*	
	15° Box—Open End (2 in 1)							
2710	5/16							*
2712	3/8							*
2714	7/16	*	*		*			*
2716	1/2	*	*		*			*
2718	9/16	*	*		*			*
2720	5/8	*	*		*	*		*
	15° Open End Wrenches							
2808	3/16 x 1/4						*	
2812	5/16 x 3/8						*	*
2814	3/8 x 7/16			*			*	
2816	7/16 x 1/2						*	*
2818	1/2 x 9/16			*			*	*
2820	9/16 x 5/8					*	*	*
2822	5/8 x 11/16			*			*	
2826	25/32 x 13/16			*			*	*
2828	3/4 x 7/8			*				*
2832	15/16 x 1"			*			*	
2835	15/16 x 1 1/16							*
2836	1" x 1 1/8							*
2840	1 1/8 x 1 1/4						*	
	Tappet Wrenches							
2916	7/16 x 1/2			*				*
2917	7/16 x 17/32			*				*
2918	1/2 x 9/16					*	*	*
2920	9/16 x 5/8			*		*	*	*
2922	5/8 x 11/16			*				*
2928	3/4 x 7/8							*
	Ignition & Elec. Wrenches							
130	13/64 x 15/64							*
132	7/32 x 1/4							*
134	9/32 x 5/16							*
136	11/32 x 3/8							*
	Leatherette Kit							*
	Wheel Starters							
910	5/8—18 thread							*
915	3/4—16 thread							*
925	7/8—14 thread							*
935	1"—14 thread							*
	Screw Extractors							
110	3/16 to 1/4							*
111	5/16 to 3/8							*
112	3/8 to 1/2							*
113	1/2 to 9/16							*
	Punches and Chisels							
105	1/4 x 3/32 x 4 1/2 Punch							*
106	5/16 x 1/8 x 4 3/4 Punch							*
107	3/8 x 3/16 x 5" Punch							*
108	1/2 x 1/4 x 5 1/2 Punch							*
10	1/4 x 9/32 x 4 1/2 Cold Chisel					*		*
12	3/8 x 7/16 x 5 1/2 Cold Chisel		*				*	*
13	1/2 x 9/16 x 6" Cold Chisel	*	*	*				*
14	5/8 x 11/16 x 6 1/2 Cold Chisel					*	*	*
15	3/4 x 13/16 x 7" Cold Chisel			*			*	*
16	3/4 x 7/8 x 10" Cold Chisel					*		
22	3/8 x 4 3/4 Center Punch	*	*	*				*
23	1/2 x 5" Center Punch					*	*	
60	1/4 x 3/32 x 4 1/4 Pin Punch							*
61	5/16 x 1/8 x 4 1/4 Pin Punch	*	*	*				*
63	3/8 x 5 1/4 x 3/16 Pin Punch					*		*
64	7/16 x 5 1/2 x 7/32 Pin Punch							*
64-1	1/2 x 1/4 x 5 3/4 Pin Punch							*
66	3/8 x 1/16 x 5 Starter Punch	*	*	*				
67	1/2 x 3/16 x 5 Starter Punch					*		*
70	1/4 x 3/16 x 6 1/2 Taper Punch						*	*
72	3/8 x 5/16 x 7 1/2 Taper Punch					*	*	*
73	1/2 x 3/8 x 8 Taper Punch	*	*	*				
74	5/8 x 7/16 x 8 1/2 Taper Punch							*
75	3/4 x 1/2 x 9 Taper Punch						*	
81	5/8 x 3/16 x 12 Long Tap. Punch					*		
86	3/8 x 3/16 x 12 Long Tap. Punch			*				
87	1/2 x 1/4 x 14 Long Tap. Punch					*		

(Continued on page 14.)

P & C SELECTED TOOL CHEST SETS

(Continued from page 13.)

List of Tools showing Numbers, Sizes and Items (*) in Chests on preceding pages

No.	Size	No. 3302 Junior "B" Chest	No. 6378 Junior "A" Chest	No. 6380 Senior "B" Chest	No. 9325 Senior "A" Chest	No. 6379 Farm Tractor Set	No. 9326 Ind. Tractor Set	No. 9390 Tool Wagon Asst.
92	¾ x 12" Rivet Shear							*
	Screw Drivers							
323	⅛ x 3 Blade x 5¾ Pyr. Hdle.							*
406	5/32 x 6 Blade x 9 Pyralin Hdle.					*		*
601	¼ x 1½ Blade x 3¼ Pyr. Hd.							*
606	¼ x 6 Blade x 10 Pyr. Hdle.					*		*
710	5/16 x 10 Blade x 14½ Pyr. Hd.							*
716	5/16 x 6 Blade x 11¼ Pyr. Hdl.						*	*
553	7/32 x 3 Blade x 7¾ Hdw. Hdl.	*	*	*				*
555	7/32 x 5 Blade x 9¾ Hdw. Hdl.						*	
654	¼ x 4 Blade x 9½ Hdw. Hdl.							*
755	5/16 x 5 Blade x 11" Hdw. Hdl.							*
858	⅜ x 8 Blade x 14" Hdw. Hdl.	*	*	*		*	*	*
862	⅜ x 12 Bld. x 20¼ Hdw. Hdl.							*
164	5/16 Bit x 4¾ Offset Screw Dr.							*
167	½ Bit x 6½ Offset Screw Dr.							*
	Pliers and Hammers							
8-I	5" Ignition Plier					*		*
8-D-7	7" H. D. Diagonal Plier					*	*	
8-LN-6	6" Long Nose Side Cut. Plier						*	
8-C-10	10" H.D. Slip Jt. Side Comb.					*	*	
8-PN	Water Pump Plier							*
8-BA	Battery Plier							*
1177	2 oz. Ball Pein Hammer							*
1178	4 oz. Ball Pein Hammer							*
1180	8 oz. Ball Pein Hammer							*
1181	12 oz. Ball Pein Hammer						*	
1182	1 lb. Ball Pein Hammer							*
1186	2 lb. Ball Pein Hammer						*	
23-F	2¼ lb. Bronze, Fibre Head							*
	Special Tools							
1058	Standard Feeler Gauge							*
1205	9/16 x ⅝ Obstruction Wrench.							*
2616	7/16 x ½ Obstruction Wrench.							*
93	Carbon and Gasket Scraper							*
94	Flexible Carbon Scraper							*
231	Packing Hook							*
102	⅝ x ¾ x 18" Lining Up Bar							*
222	⅝ x 20" Roll. Head Pry Bar							*

P & C BOX WRENCHES

Round, smooth handles that are "comfortable" to the hand. Balance that is pleasing. Correctly curved shoulders that distribute the pull and strain at the right point. Not an ounce too heavy; not an ounce too light. Broaching sharp and smooth. These are some of the "qualifications" which recommend P & C Box Wrenches to the most exacting mechanic. (See **No. 16-A** Display Mdse. Unit, page 3).

Short Type—Round Handles—Regular Offset

No.	12 Point Openings	Length	Weight
2112	5/16" & ⅜"	4½"	1 oz.
2114	⅜" & 7/16"	5"	2 oz.
2116	7/16" & ½"	5½"	3 oz.
2118	½" & 9/16"	6¼"	4 oz.
2120	9/16" & ⅝"	7"	5 oz.

Long Type—Round Handles—Regular Offset

No.	12 Point Openings	Length	Weight
2212	5/16" & ⅜"	6"	2 oz.
2214	⅜" & 7/16"	6¾"	2 oz.
2216	7/16" & ½"	7½"	3 oz.
2218	½" & 9/16"	8¼"	4 oz.
2220	9/16" & ⅝"	9"	5 oz.
2222	⅝" & 11/16"	9½"	6 oz.
2223	⅝" & ¾"	10¼"	7 oz.
2224	11/16" & ¾"	10½"	7 oz.
2225	¾" & 25/32"	11"	9 oz.
2228	¾" & ⅞"	12"	10 oz.
2229	13/16" & ⅞"	13"	14 oz.
*2229-L	13/16" & ⅞"	16"	16 oz.
2230	⅞" & 15/16"	13½"	12 oz.
2232	15/16" & 1"	14½"	1 lb.
2234	1" & 1-1/16"	16"	1¼ lb.
2235	15/16" & 1-1/16"	18"	1½ lb.
2236	1-1/16" & 1⅛"	17"	1½ lb.
2240	1⅛" & 1¼"	19"	2½ lbs.
2242	1-5/16" & 1¼"	19½"	2½ lbs.
2246	1⅜" & 1-7/16"	20"	2½ lbs.
2252	1½" & 1⅝"	22"	3¾ lbs.

*Extra long for Main Bearing, see page 23.

P & C Box Wrench Set No. 2200

This four-piece box wrench set as shown in cut will meet requirements of most mechanics for long type box wrenches. Ranging in size from ½-inch to 1 inch, without duplication, it is an excellent set for general use. Set contains one each Nos. 2218—2222—2228—2232.

No. 2200 Set Wrenches only—wt. 2 lbs. 2 oz.

No. 2200 Set Complete in leatherette roll—wt. 2½ lbs.

"S" Type Box Wrenches

Particularly useful for manifold, water pump and carburetor work on Ford, Chevrolet and other makes of cars. Also adapted to numerous jobs where obstructions limit the use of other types of wrenches.

No.	12 Pt. Openings (Inches)	Length (Inches)	Weight
2616	7/16 & ½	6½	4 oz.
2618	½ & 9/16	6¾	5 oz.
2620	9/16 & ⅝	7¼	6 oz.
2623	⅝ & ¾	8	7 oz.
2624	11/16 & ¾	12	8 oz.
2630	⅞ & 15/16	15	1 lb.
2634	1" & 1-1/16	15	1 lb.
2640	1⅛ & 1¼	17	1½ lb.

10° Offset Box Wrenches

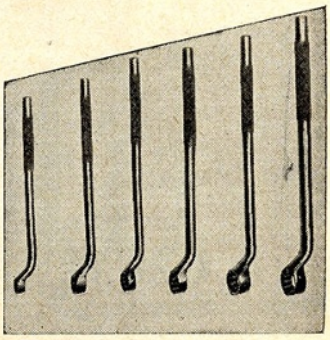
No.	12 Pt. Openings (Inches)	Length (Inches)	Weight
2680	⅞ & 15/16	15	1 lb.
2683	15/16 & 1-1/16	15	17 oz.
2684	1" & 1-1/16	15	18 oz.
2690	1⅛ & 1¼	17	1½ lb.

These wrenches are made especially for tractor and truck jobs, but they are also good for general purpose wrenches.

P & C Single End, Regular Offset Box Wrenches

Knurled Handles

Box wrenches of this particular type are preferred by some users and especially where only one opening is required. Made of same high grade alloy steel as other P & C wrenches. Knurled handles. Note complete range of sizes.



P & C Single End Regular Offset Box Wrenches

No.	12 Pt. Openings (Inches)	Length (Inches)	Weight
2314	7/16	7	3 oz.
2316	½	8	3 oz.
2318	9/16	8½	4 oz.
2320	⅝	9½	7 oz.
2322	11/16	10	8 oz.
2324	¾	10	8 oz.
2326	13/16	10	9 oz.
2328	⅞	10½	9 oz.
2330	15/16	12	12 oz.
2332	1"	13	13 oz.
2334	1-1/16	14	1¼ lb.
2336	1⅛	15	2 lbs.
2340	1¼	16	2 lbs.
2344	1⅜	17	2¼ lbs.
2346	1-7/16	18	2¼ lbs.
2348	1½	19	3 lbs.
2352	1⅝	20	3½ lbs.

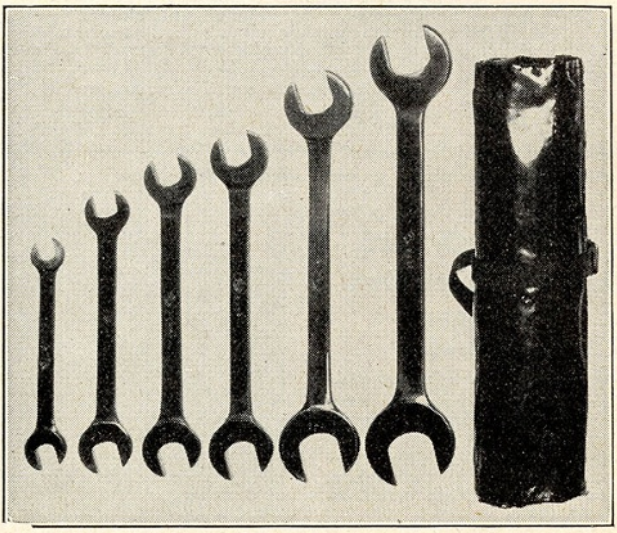
P & C 15° Open End Wrenches

P & C open end wrenches are made by the hand forged process from fine chrome alloy steel. They are made extremely thin and have long, slender handles, but due to the method of manufacturing they possess great strength. Skilled mechanics are pleased with the balance and feel of these open end wrenches. The openings are accurately sized. (See **No. 5-A Display Mdse. Unit**, page 3.)

No.	Openings (in.)	Length (in.)	Weight
2808	3/16 & ¼	4	1 oz.
2810	5/16 & ¼	4½	1 oz.
2812	5/16 & ⅜	5	1 oz.
2814	⅜ & 7/16	5½	2 oz.
2816	7/16 & ½	6	2 oz.
2818	½ & 9/16	6½	2 oz.
2820	9/16 & ⅝	7	3 oz.
2821	19/32 & 11/16	8	5 oz.
2822	⅝ & 11/16	8	5 oz.
2824	⅝ & ¾	8½	5 oz.
2826	25/32 & 13/16	9	8 oz.
2828	¾ & ⅞	9½	8 oz.
*2829	¾ & ⅞	15	10 oz.
2830	⅞ & 15/16	10	9 oz.
2832	15/16 & 1	10½	10 oz.
2834	31/32 & 1-1/16	10½	12 oz.
*2835-L	15/16 & 1-1/16	16	1 lb.
2835	15/16 & 1-1/16	11½	12 oz.
*2836	1″ & 1⅛	16	1¼ lb.
2840	1⅛ & 1¼	12½	1 lb.
2844	1-5/16 & 1⅜	15	1¾ lbs.

*Extra long for brake service—see page 26.

No. 2800 Open End Wrench Set

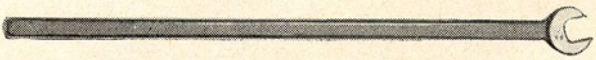


This popular set contains six open end wrenches with no duplications. Sizes range from ⅜-inch to 1 inch. The following Nos. are included: One each **No. 2814, 2818, 2822, 2826, 2828** and **2832.**

No. 2800 Set Wrenches only—wt. 2 lbs. 2 oz.
No. 2800 Set Complete in leatherette roll—wt. 2½ lbs.

Single End Tappet Wrenches

Where an extra long, slim tappet wrench is desired, this type is popular with many mechanics.



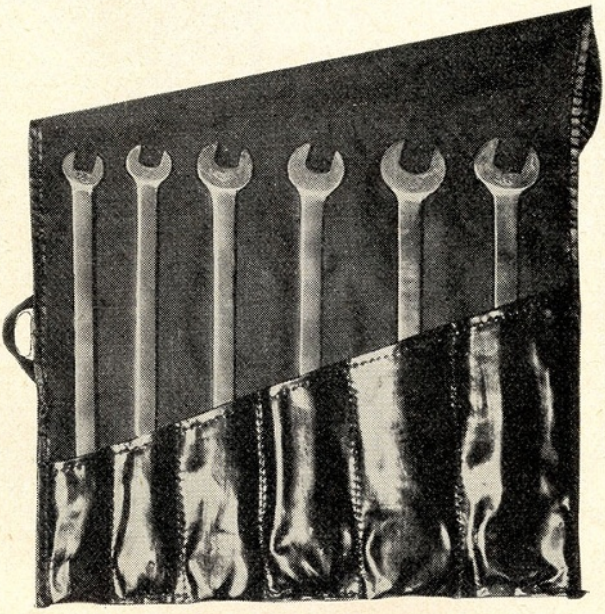
No.	Opening (inches)	Length (inches)	Weight
2962	⅜	12	3 oz.
2964	7/16	13	3 oz.
2966	½	13	3 oz.
2967	17/32	13	3 oz.
2968	9/16	13	4 oz.
2970	⅝	13	4 oz.
2972	11/16	13	5 oz.
2974	¾	13	5 oz.
2978	⅞	13	5 oz.

Double End Tappet Wrenches

P & C Wrenches are accepted by skilled mechanics as standard. Hand-forged, of course. Tappet work demands wrenches of sufficient thinness and strength for quickest and easiest use.

No.	Openings (in.)	Length (in.)	Weight
2916	7/16 & ½	8⅛	3 oz.
2917	7/16 & 17/32	7½	3 oz.
2918	½ & 9/16	7¾	4 oz.
2920	9/16 & ⅝	8	4 oz.
2922	⅝ & 11/16	8	4 oz.
2928	¾ & ⅞	8½	5 oz.

No. 2900 Double End Tappet Wrench Set

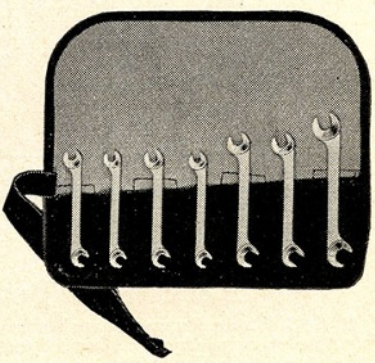


This set of six tappet wrenches will handle tappet adjustments on practically all makes of cars. Set contains the following: 1 each Nos. 2916, 2917, 2918, 2920, 2922, 2928.

No. 2900 Set Wrenches only—wt. 18 oz.
No. 2900 Set Complete in leatherette roll—wt. 1½ lbs.

P & C Ignition and Electrical Wrenches

Jiffy Junior size, extremely thin, yet strong and perfectly balanced, — characterize this very convenient set of P & C miniature wrenches for ignition, carburetor, radio, refrigerator and all small size nut assemblies and adjustments. Each wrench has two different size openings at 30° and 60° angles with duplicate sizes but different angles on twin wrenches. A good mechanic cannot get along without this set for small work.



No.	Size Openings (in.) 15° Angle	60° Angle	Thickness of Head (in.)	Length (in.)
130	13/64	15/64	7/64	3
131	15/64	13/64	7/64	3
132	7/32	¼	7/64	3
133	¼	7/32	7/64	3
134	9/32	5/16	⅛	3½
135	5/16	9/32	⅛	3½
136	11/32	⅜	9/64	4
137	⅜	11/32	9/64	4

No. 140 Set consists of 1 each of the following numbers in leatherette kit: **130, 131, 132, 133, 134, 135, 136.**

P & C Flat Handle Box Wrenches—15° Offset

The mechanic who prefers a flat handle box wrench will enjoy working with this series. Hand forged from the finest chrome alloy steel, like all other P&C tools, are designed and finished in a manner that wins instant approval.

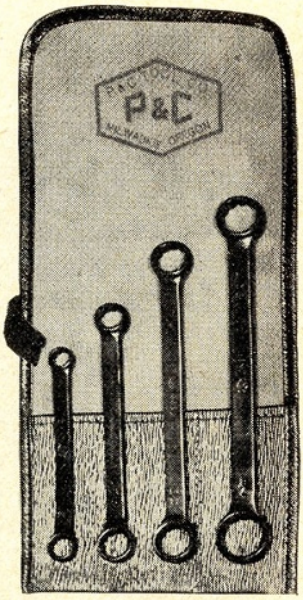
No.	12 Point Openings (in.)	Length (in.)	Weight
2514	3/8 & 7/16	5	2 oz.
2516	7/16 & 1/2	5 1/2	2 oz.
2518	1/2 & 9/16	6	2 oz.
2520	9/16 & 5/8	7	3 oz.
2521	5/8 & 11/16	8	3 oz.
2524	11/16 & 3/4	9	4 oz.
2527	3/4 & 7/8	10	6 oz.
2529	13/16 & 7/8	11	7 oz.
2532	15/16 & 1"	12	8 oz.
2536	1-1/16 & 1 1/8	16	1 lb.
2540	1-1/16 & 1 1/4	16	1 lb.
2544	1 1/4 & 1 3/8	17	1 1/4 lbs.
2546	1 1/4 & 1-7/16	18 1/2	2 lbs.

Box Wrench Set No. 2500

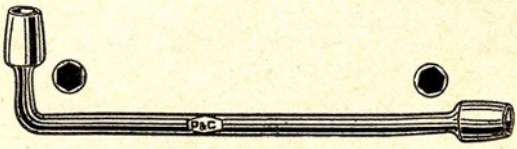
Contains four double-end wrenches ranging in size from 3/8" to 7/8" without duplication, as follows: one each Nos. 2514, 2518, 2521, 2527.

No. 2500 Set Wrenches only—wt. 12 oz.

No. 2500 Set Complete in leatherette roll—wt. 1 lb.

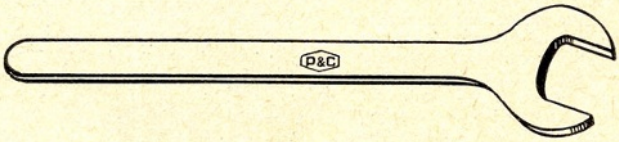


Double Socket "L" Wrenches



No.	Hex & 12 Pt. Opening (in.)	Offset & Length (in.)	Weight
1614	7/16	1 1/2 & 8	5 oz.
1616	1/2	2 & 9 1/2	8 oz.
1618	9/16	2 & 10	10 oz.
1620	5/8	2 & 10	12 oz.

*Specify Hex or 12 Pt. openings.



P & C Water Pump Wrenches

P & C Water Pump Wrenches are designed to fit every make of car. They possess the same hand forged qualities and finish characteristic of all P & C products.

No.	Opening (inches)	Length (inches)	Weight
1232	1	11	7 oz.
1234	1-1/16	10 1/2	7 oz.
1236	1 1/8	10	7 oz.
1238	1-3/16	10 1/2	7 oz.
1240	1 1/4	11 1/4	9 oz.
1242	1-5/16	11	9 oz.
1244	1 3/8	10 3/4	9 oz.
1246	1-7/16	10 1/2	10 oz.
1248	1 1/2	10 1/2	10 oz.
1250	1-9/16	10 3/8	10-oz.
1252	1 5/8	10 1/2	10 oz.
1256	1 3/4	10 7/8	10 oz.

P & C Two-in-One Wrenches

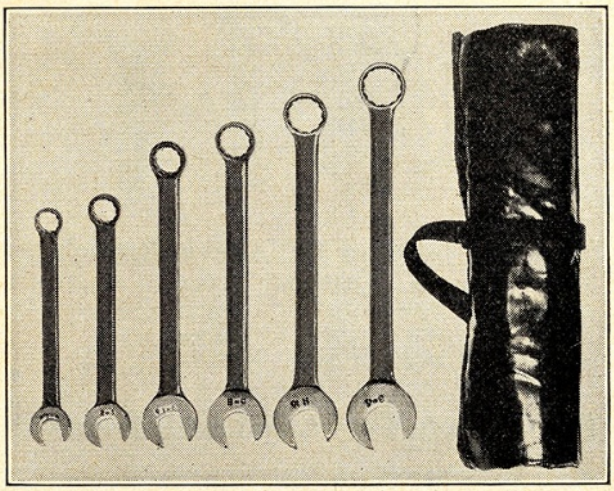
This tool combines the advantages of a 15° offset box wrench and open-end wrench . Same size openings both ends. Hand forged from chrome molybdenum steel, heat treated for maximum strength and toughness. These wrenches are very thin and light—just the tools for fast work. (See **No. 14-A Display Mdse. Unit**, page 3.)

No.	12 Pt. Opening & Open End (in.)	Length (in.)	Weight
2710	5/16	4	1 oz.
2712	3/8	4½	1 oz.
2714	7/16	5½	2 oz.
2716	½	6	2 oz.
2718	9/16	6½	3 oz.
2720	5/8	7	4 oz.
2722	11/16	8	5 oz.
2724	3/4	9	7 oz.
2726	13/16	9½	7 oz.
2728	7/8	10	7 oz.
2730	15/16	11	9 oz.
2732	1"	12	12 oz.
2734	1-1/16	13½	1 lb.
2736	1⅛	15	1 lb.
2740	1¼	17	1¼ lb.
2744	1⅜	19	1½ lb.

No. 2700 P & C Two-in-One Wrench Set

Here is a set of six open end and 12 pt. box combination wrenches which provide the openings most commonly used. Set contains one each No. 2714, 2716, 2718, 2720, 2722, 2724.

No. 2700 Set Wrenches only—wt. 18 oz.
No. 2700 Set Complete in leatherette roll—wt. 1½ lbs.



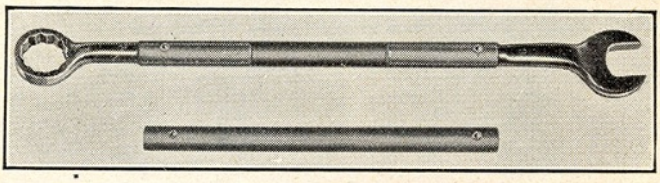
P & C Economy Box Wrenches

Real "economy" box wrenches available in 6 popular wrenches (12 different openings). P & C standard design, alloy steel, hand forged, quality, in dull plated finish and polished ends. Exceptional value and competitive in price with cheaper wrenches (See **No. 16-C Display Mdse. Unit**, page 3).

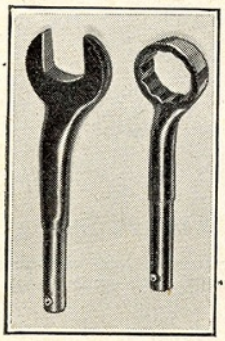
No.	12 Pt. Openings (in.)	Length (in.)	Weight
2114-E	3/8 & 7/16	5	2 oz.
2118-E	½ & 9/16	6¼	4 oz.
2222-E	5/8 & 11/16	9½	6 oz.
2225-E	3/4 & 25/32	11	9 oz.
2229-E	13/16 & 7/8	13½	14 oz.
2232-E	15/16 & 1	14½	16 oz.
2200-E	6 Wrench Set complete as listed, in carton		3¼ lbs.
2200-F	5 Wrench Set, 2114-E to 2229-E incl., in carton		2¼ lbs.
2200-G	4 Wrench Set, 2114-E to 2225-E, incl., in carton		1½ lbs.

P & C Heavy Duty Stub Handle Box Socket and Open End Wrenches

This new P & C line is exceptionally economical and efficient for extra heavy duty service and construction work where several sizes of nu's are involved in close fitting and difficult locations. The tubular handles with friction snap lock may be quickly attached to any combination of Stud Box Sockets or Open End Wrenches. Hand forged and heat treated by expert P & C processes. A remarkable value in quality tools.



No. 2870 No. 2370



Stub Box Socket Wrenches

No.	12 Pt. Opening (Inches)	Overall Length (Inches)	Wt.
2361	15/16	7½	12 oz.
2362	1"	7½	12 oz.
2364	1-1/16	7½	12 oz.
2366	1⅛	8	1 lb.
2370	1¼	8	1 lb.
2372	1-5/16	8	1 lb.
2374	1⅜	8	1 lb.
2376	1-7/16	8¼	1 lb.
2378	1½	8¼	1¼ lb.
2382	1⅝	8½	1¼ lb.

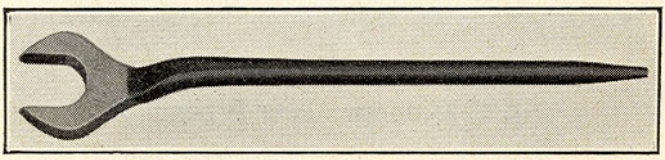
Stub Open End Wrenches

No.	Opening (Inches)	Overall Length (Inches)	Weight
2870	1¼	1½	2 lbs.
2872	1-5/16	9½	2 lbs.
2874	1⅜	9½	2 lbs.
2876	1-7/16	9½	2 lbs.
2878	1½	9½	2 lbs.
2880	1-9/16	10	3 lbs.
2882	1⅝	10	3 lbs.

Tubular Handles for Above Wrenches

No.	Length	Weight
2850	15"	1½ lbs.
2851	18"	1¾ lbs.
2852	24"	2¼ lbs.

P & C Heavy Duty Structural Wrenches



Each wrench is individually hand forged from high grade selected steel heat treated and oil tempered for super strength and toughness. P & C structural wrenches are carefully designed with deep narrow jaws for close fitting on nuts and with long tapered handles for convenient lining-up and fast work. Popular with discriminating mechanics on structural, railroad, oil wells and other heavy duty work. Outlasts cheaper grade of wrenches several times. Fully guaranteed against defective workmanship and material. It pays to use the best for avoiding accidents and increasing working efficiency.

Offset Handle—High Grade Steel—Heat Treated Throughout

No.	U.S.S. Bolt Size (Inches)	Milled Opening (Inches)	Length (Inches)	Weight
903-S	⅜	11/16	12	1 lb.
905-S	½	⅞	14½	1¼ lbs.
906-S	9/16	31/32	14½	1¼ lbs.
907-S	⅝	1-1/16	17	2¼ lbs.
908-S	¾	1¼	19	3¼ lbs.
909-S	⅞	1-7/16	21	4¼ lbs.
910-S	1"	1⅝	23	5¾ lbs.
911-S	1⅛	1-13/16	25	7½ lbs.
912-S	1¼	2"	25	7½ lbs.

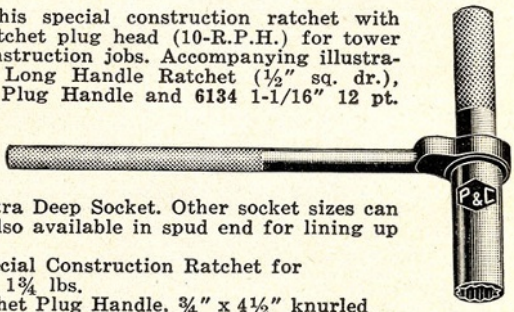
P & C Heavy Duty Box Wrenches

P & C Heavy Duty 12 Pt. Box Wrenches are forged from selected alloy steel and designed to withstand hard industrial service. Curved offset heads to clear bolt ends and afford convenient solid grip. Accurately sized and hot broached. Sturdy quality.

No.	12 Pt. Openings (in.)	U.S.S. Bolt Size (in.)	Length (in.)	Wt.
2228-H	11/16 x 7/8	3/8 x 1/2	12	12 oz.
2232-H	15/16 x 1		14 1/2	1 lb.
2240-H	1-1/16 x 1 1/4	5/8 x 3/4	19	2 1/2 lbs.
2246-H	1 1/4 x 1-7/16	3/4 x 7/8	20	2 1/2 lbs.
2250-H	1-7/16 x 1 5/8	7/8 x 1	23	6 lbs.
2264-H	1-13/16 x 2	1 1/8 x 1 1/4	24 1/2	6 lbs.
2276-H	2-3/16 x 2 3/8	1 3/8 x 1 1/2	26	8 lbs.

Special Construction Ratchet

P & C offers this special construction ratchet with knurled holding ratchet plug head (10-R.P.H.) for tower work and other construction jobs. Accompanying illustration shows **6210-1** Long Handle Ratchet (1/2" sq. dr.), 10-R.P.H. Ratchet Plug Handle and **6134** 1-1/16" 12 pt.



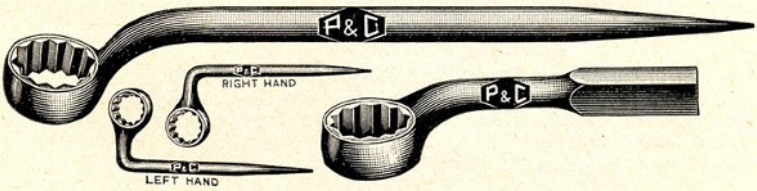
(5/8 U.S.S Nut) Extra Deep Socket. Other socket sizes can be used. Ratchet also available in spud end for lining up work.

No. 6210-1 14" Special Construction Ratchet for (10-R.P.H.); wt. 1 3/4 lbs.

No. 10-R.P.H. Ratchet Plug Handle, 3/4" x 4 1/2" knurled handle—1/2" x 1 1/4" plug, 5 3/4" overall length—wt. 3/4 lb.

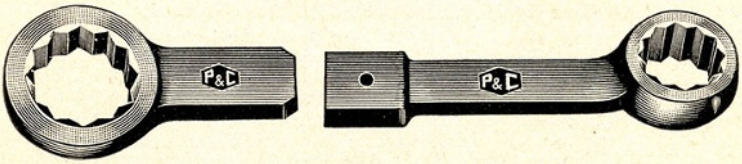
P & C Heavy Duty Combination 12 Pt. Box and Spud End Wrenches

Also Striking Wrenches similar to **2200-H** Heavy Duty Box Wrenches. Detailed information and prices furnished on request.



Industrial Heavy Duty Slugging Wrenches

Information and prices quoted on request. P & C Hand Forged Heavy Duty Tools are built to stand strain and improve industrial work.



Stock Star Drills

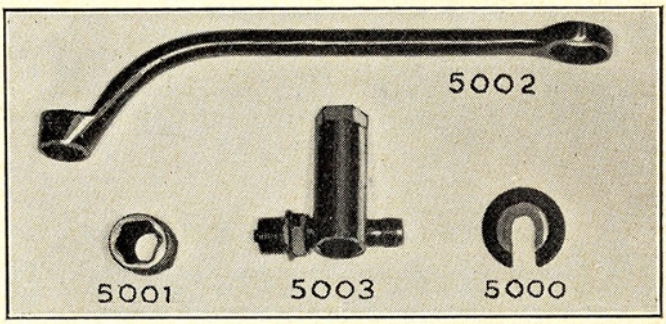
Finest hand forged Star Drill from selected alloy steel with right value. Length 12".

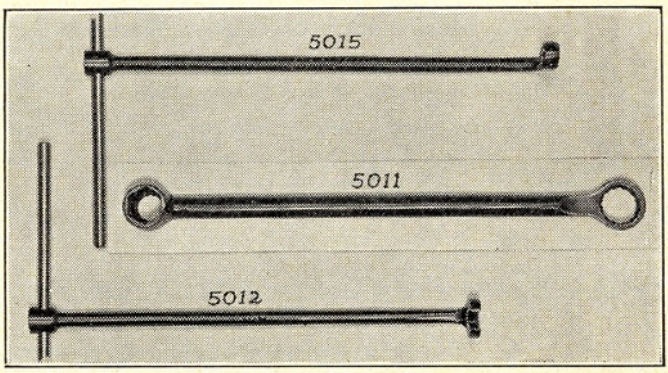
No.	Oct. Stk. (in.)	Cut (in.)	Wt.	No.	Oct. Stk. (in.)	Cut (in.)	Wt.
281	1/4	1/4	4 oz.	284	7/16	5/8	10 oz.
279	1/4	5/16	4 oz.	264	1/2	3/4	11 oz.
282	5/16	3/8	6 oz.	265	5/8	7/8	16 oz.
283	3/8	7/16	9 oz.	266	3/4	1	24 oz.
263	3/8	1/2	9 oz.	288	7/8	1 1/4	32 oz.

SPECIAL AIRPLANE TOOLS

P & C Special Aviation tools are used by mechanics in leading Airplane manufacturing and operating companies. Many standard P & S sockets, handles and attachments shown elsewhere in the catalog are readily adapable to Airplane service work.

Special attention is invited to the Jiffy Jr. (¼" sq. dr.) and Jiffy (⅜" sq. dr.) Socket Wrench Series illustrated on page 5. (See popular Jiffy Jr. Set on this page.) Crowfoot open end Universal T Wrenches and box sockets shown on page 8 are adapted to airplane work. Prices and information on any other airplane tools gladly quoted on request. All highest quality, hand forged.





Special Airplane Spark Plug Wrenches and Sockets

Airplane Spark Plug Wire Spinner Wrench

No. 5000—Has ⅝" center hex broaching ¼" deep and 7/16" slotted side opening. Round knurled disc handle 1½" diameter x 5/16" flange thickness.

No. 5000-T—Same as No. 5000 with T Handle.

Airplane Spark Plug Sockets

No. 5001—11/16" six point inside hex x 1⅛" long with 9/16" round guide and ⅞" outside hex. This socket to fit into the 12 point box on the No. 5002.

No. 5001-A—⅞" Inside hex, 1¼" long, with 11/16" round guide and ⅞" outside hex.

Airplane Spark Plug Double End Box Wrenches

No. 5002—Curved offset end 11/16" six point inside hex with 9/16" round guide and straight end ⅞" twelve point (double hex). The ⅞" 12 point straight end box works in good combination with the No. 5001 to No. 5007. ⅞" outside hex sockets for spark plug work.

No. 5011—Double end straight Spark Plug Wrench about 14" long. Has ⅞" inside hex broaching and 11/16" round guide on one end. Has ⅞"-12 pt. box on other end to fit outside hex broaching on Spark Plugs.

The above two wrenches are designed especially to speed up work and save breakage of insulation on airplane spark plugs. Will fit leading makes of spark plugs.

Airplane Extra Deep Spark Plug Sockets

No. 5003—11/16" inside hex broaching and ⅞" outside hex connection. Inside fibre lining with approximately 1/16" clearance over spark plug top thread. Just deep enough to allow about ⅛" clearance between top of plug and ½" standard square drive. Fibre lining protects top coupling thread on spark plug against marring and breaking. Last word in preventing spark plug losses.

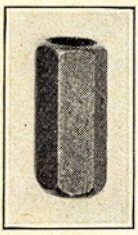
No. 5004—Same as No. 5003 but without ⅞" outside hex.

No. 5005—Same as No. 5003 but without fibre lining and without ⅞" outside hex top broaching.

No. 5006—⅞" inside hex, ½" sq. dr., fibre lined.

No. 5007—Same as No. 5006 but without fibre lining.

Wheel Starters



P & C Wheel Starters of the knock-off type are forged from the best of steel, expertly tempered and heat treated. If the threads of the axle are damaged this tool acts as a die in straightening them. Screw the starter on tight, so that the end of the axle is against the bottom of the socket. A stroke or two wih a hammer will loosen the wheel.

No.	Size	Weight
910	5/8" S.A.E. 18	8 oz.
915	3/4" S.A.E. 16	10 oz.
916	3/4" S.A.E. 20	10 oz.
920	13/16 S.A.E. 16	10 oz.
925	7/8" S.A.E. 14	14 oz.
926	7/8" S.A.E. 20	14 oz.
927	7/8" S.A.E. 16	1 lb.
929	7/8" S.A.E. 18	1 lb.
935	1" S.A.E. 14	1 1/4 lb.
940	1 1/8" S.A.E. 12	1 lb.
941	1 1/8" S.A.E. 12—1" deep	1 lb.
942	1 1/8" U.S.S. 7	1 lb.
945	1 1/4" S.A.E. 12	1 1/4 lb.
946	1 1/4" U.S.S. 7	1 1/4 lb.
950	1 1/2" S.A.E. 12	2 lbs.
951	1 1/2" U.S.S. 6	2 lbs.

No. 900 Wheel Starter Set—Includes 910, 915, 925, and 935 Starters most used on popular cars and trucks. Complete in fibre box.

Short Bend "L" Wrenches

No.	Size (in.)	Length (in.)	Wt.
1514	7/16	5 1/2	4 oz.
1516	1/2	6	4 oz.
1518	9/16	7	5 oz.
1519	19/32	7 1/2	7 oz.
1520	5/8	8	9 oz.
1520-F (Ford Special)	5/8	12	14 oz.
1521	21/32	8 1/2	10 oz.
1521-F (Ford Special)	21/32	12	12 oz.
1522	11/16	9	10 oz.
1524	3/4	10	15 oz.
1525	25/32	10	1 lb.
1526	13/16	10 1/2	1 1/4 lbs.
1528	7/8	11 1/2	1 1/4 lbs.
1530	15/16	12 1/2	1 1/2 lbs.
1532	1"	13	2 lbs.
1534	1-1/16	14 1/2	2 lbs.

No. 5009—1" inside hex; 1/2" sq. dr., fibre lined.

No. 5010—Same as No. 5009 but without fibre lining.

No. 5012—7/16" x 12" Open End Crowfoot Extension Wrench. For airplane engine vacuum pumps, hydraulic pumps and inaccessible places for ordinary wrenches. With T Handle.

No. 5013—1/2" x 18" Open End Crowfoot Extension Wrench for motor block nuts. With T Handle.

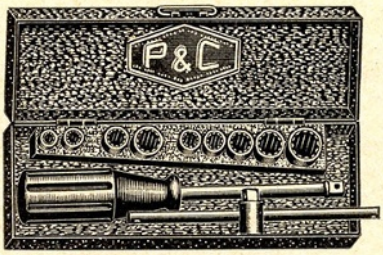
No. 5014—9/16" x 18" Open End Crowfoot Extension Wrench.

No. 5015—1/2"-12 pt. x 12" Box Crowfoot Extension Wrench. For generators and difficult airplane engine work. With T Handle.

No. 5016—9/16"-12 pt. x 18" Box Crowfoot Extension Wrench with T Handle for cylinder hold down nuts.

No. 5017—3/4" Inside hex; 1/2" sq. dr.; fibre lined.

No. 5018—Same as No. 5017 but without fibre lining.



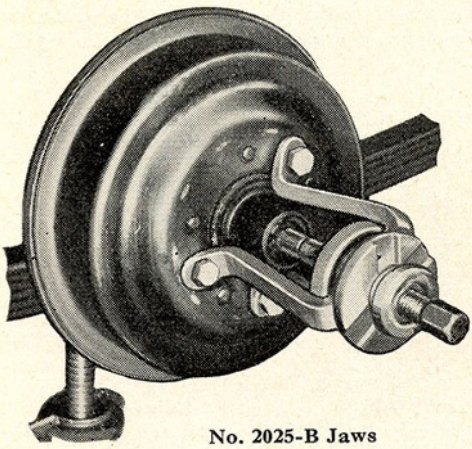
Jiffy Junior Socket Set—1/4" Sq. Dr.

No. 0200-B Set above tools in metal box (see page 5).

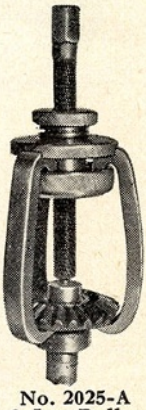
No. 0201-B Set including 0200-B set plus 0245, 0247, 0248, 323 (see page 5.)

P & C JAW PULLERS

P & C Eccentric Wheel, Gear and Drum Pullers for all Cars



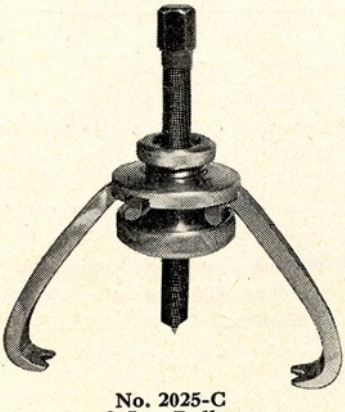
No. 2025-B Jaws



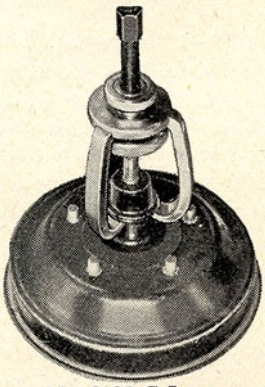
No. 2025-A
3-Jaw Puller

A combination tool that adapts itself to every pulling problem of wheel, drum or gear. Thin jaws adapt it to timing gear jobs. Its simplicity and pulling strength are apparent. Eccentric pulling action is positive, the jaws pulling in evenly. Grip is firm; will not slip off. No bolts to shear off. Converible in an instant from a 3-jaw to a 2-jaw puller or vice versa. Arms adjustable to any position by inverting top jaw guide plate. A stout coil spring applies even inward pressure on jaws, the lock nut regulating the width to which jaws are desired. Special puller jaws in any length or shape for other pulling purposes can be had at reasonable cost. Jaws and pulling screw made from heat treated chrome alloy steel.

Improved Universal Eccentric Puller



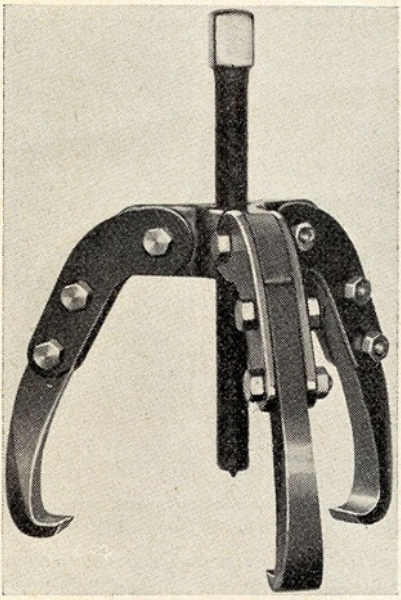
No. 2025-C
2-Jaw Puller
For Timing Gears



No. 2025-C Jaws
Ford 3-Jaw Drum Puller

No.	Description	Jaw Length (Inches)	Jaw Spread (Inches)	Weight
2025	Complete with any one set of 3 jaws			9 lbs.
2025-F	Head Assembly only			4½ lbs.
	Additional Jaws			
2025-A	Gear Jaws	7	8	13 oz.
2025-B	Disc or Wire Wheel or Drum Jaws	7	8	10 oz.
2025-B-1	Disc Jaws with offset toward center for short radius studs	7	8	10 oz.
2025-C	Special Jaws for Ford Drums and Timing Gears	5½	6¾	10 oz.
2025-D	Special 12″ long Gear Jaws	12	16	1½ lbs.
2025-E	Pulling Screw—1″ x 12″ long, with 9″ thread			2½ lbs.

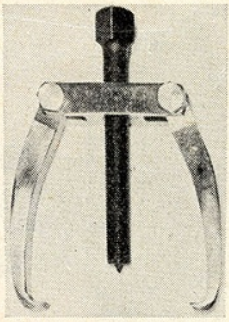
P & C JAW PULLERS



P & C 3-Jaw Gear Puller

A sturdy three-jaw puller which pulls uniformly and steadily at three points. Correctly designed and built. Heat treated the P & C way.

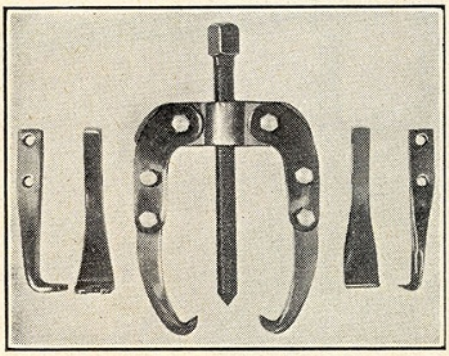
No.	Description	Weight
2016	Complete with 1 set of 3 jaws	5 lbs.
2016-A	Three way block only	18 oz.
2016-B	Jaws, each (length, 5"; spread, 7")	1 lb.
2016-C	Side plates, per pair	8 oz.
2016-D	Screw only—⅝" x 8½" long, with 7" thread	10 oz.



Midget Gear Puller

Pulls anything in the way of small gears. specially adapted to generator gears. P & C high quality and honest workmanship throughout.

No.	Description	Wt.
2017-A	With narrow jaws	10 oz.
2017-B	With wide jaws	12 oz.
2017-C	Pair narrow jaws, length 3⅜", spread 2¾"	4 oz.
2017-D	Pair wide jaws, length 3⅜", spread 2¾"	4 oz.
2017-E	Head block	4 oz.
2017-F	Screw—7/16" x 5½" long, with 4⅜" thread	4 oz.

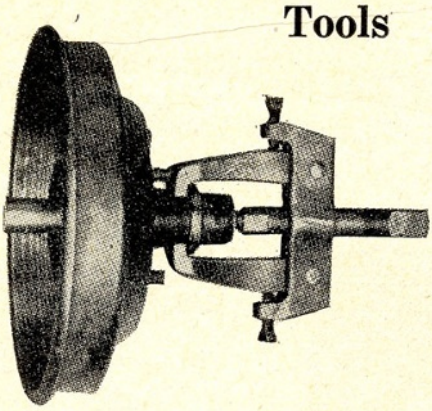


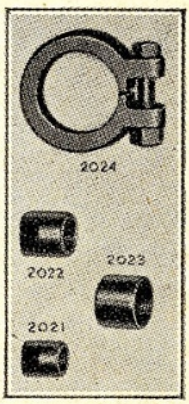
P & C 2-Jaw Gear Puller

No matter what your pulling problem, the P & C gear puller, adjustable up to 10-inch opening, will perform he most stubborn job. Adapted to all makes of cars. P & C hand forged quality.

No.	Description	Jaw Length (Inches)	Jaw Spread (Inches)	Weight
2015	Complete with three pair jaws wide, narrow and cap screw jaws)			5½ lbs.
2015-A	Wide jaw	5	8½ (pair)	1 lb.
2015-B	Narrow jaw N4N4	5	8½ (pair)	1 lb.
2015-C	Cap screw jaw	5	8½ (pair)	1 lb.
2015-D	Two-way block only			14 oz.
2015-E	Screw only—⅝" x 8½" long, with 7" thread			10 oz.
2015-F	Side plates			8 oz.
2015-G	Complete with any one pair of jaws only			3¾ lbs.

P & C Special Ford & Miscellaneous Tools





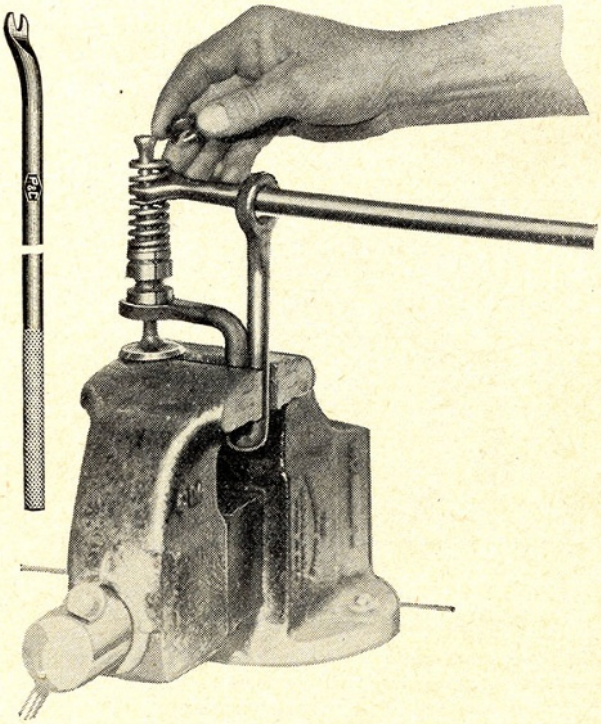
No. 2020

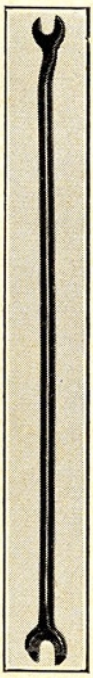
Ford Wheel Puller

Works on all Model A Ford and the Ford V-8 cars and trucks, as well as other makes. It is suitable for many other jobs where a heavy duty puller is required.

Maximum jaw spread 3¼ inches. Side set screws prevent spreading. An important feature is a set of axle tip caps which are screwed over the axle shaft end to prevent damage to axle on a heavy strain.

No.	Description	Weight
2020	Puller complete with 1 set of jaws, as illustrated	6¼ lbs.
2020-A	Head block	2¼ lbs.
2020-B	Screw only—1" x 6" long with 4¼" thread	1¼ lbs.
2020-J	Jaws, length 5½"	1 lb.
2021	⅝-inch axle cap	3 oz.
2022	⅞-inch axle cap	4 oz.
2023	1¼-inch axle cap	6 oz.
2024	2⅜-inch Adaptor Ring for screwing on hubs on trucks to permit puller arms to take hold	1¾ lbs.





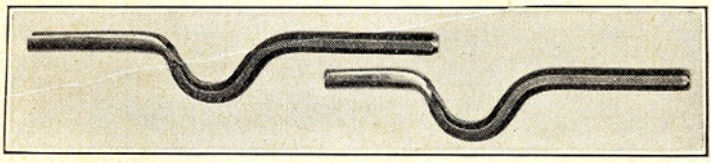
No. 2006

Ford V-8 Valve Assembly Tools

For lifting valve asstmbly for all V-8 Motors place tool No. 2034 in bench vise and compress valve spring ot remove or replace keeper with No. 2006 as shown in cut. Note offset lifting bar, shown at right of vise. The 2050 and 2052 single offset lifting bars shown at left of vise are for late V-8 models requiring extra strong and longer bars. Heat treated to stand strain.

No.	Description	Length	Weight
2034	Spring Assembly Tool	22"	8 oz.
2006	For '37 and older Ford motors	22"	1½ lbs.
2050	V-8-60 Valve Lifter	24"	3 lbs.
2052	V-8-85 Valve Lifter	30"	3¾ lbs.

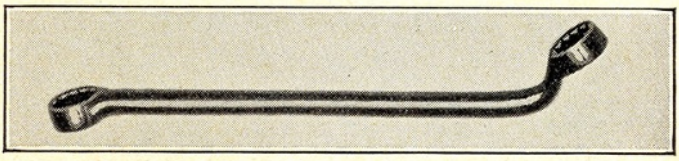
P & C Special Ford & Miscellaneous Tools



No. 2000 No. 2001

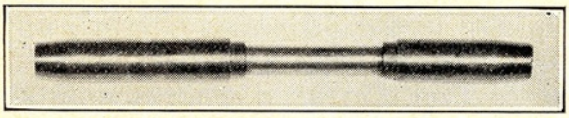
Ford Valve Guide Punches

These tools make it easy to remove Ford valve guides without damaging the valves.
No. 2000—Fits Model A motors—8¼ long; wt. 5 oz.
No. 2001—Fits Model 1932 and V-8 motors—7¼″ long; wt. 5 oz.



No. 2010 Ford V-8 Universal Housing Wrench

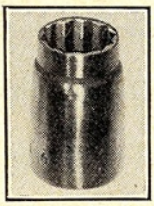
No. 2010—⅝-in. 12 Point Double End Special Offset Box Wrench for late model Ford V-8 Universal Housings. Fits top and bottom bolts on Ford V-8 Universal Housings. Every Ford mechanic should have this special wrench.
9″ long; wt. 5 oz.



No. 2011—(Specify V-8 85 or V-8 60 Motor.)

V-8 Piston Pin Tool

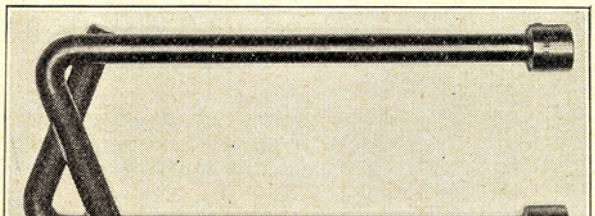
Designed to remove and replace piston pins, and should be in all Ford mechanics' kits. 8¼″ long; wt. ¾ lb.
No. 2029—Model A Pin Piston Tool. 8¼″ long; wt. ¾ lb.



No. 2018

V-8 Connecting Rod Socket

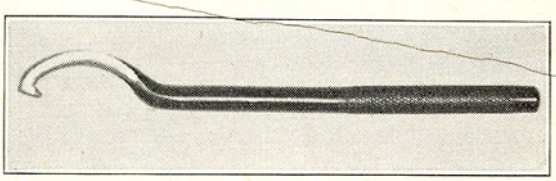
This 9/16-in. socket is made extra thin to fit counterbore. Has ½-in. square drive. All Ford mechanics need this socket. Not Guaranteed against breakage because of necessary thinness. Available in Hex. ⅝″ ins. clear. 1⅜″ long; wt. 2 oz.



No. 2002 V-8 Main Bearing Holding Wrench

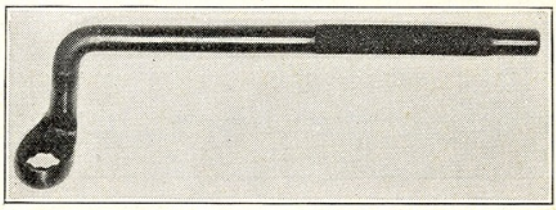
Designed to hold the main bearing bolts while they are being tightened. They are self-locking and are held in place by friction balls. The sockets are 9/16-in., 8 point.
10″ long; wt. pr. 2 lbs.

P & C Special Ford & Miscellaneous TOOLS



No. 2004 Ford V-8 Generator Spanner

Used to raise and lower generator when making adjustments on fan belt. 6″ long; wt. 4 oz.
No. 1201—Pump Nut Spanner for Model A pump nut; 6″ long; wt. 4 oz.



No. 2008 V-8 Starting Switch Wrench

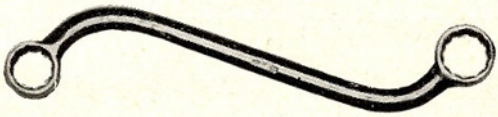
This wrench is 7″ long and has ½″ 12 point opening. wt. 5 oz.

Ford Brake Adjusting Wrenches

Fits V8 and Model A Cars and Trucks

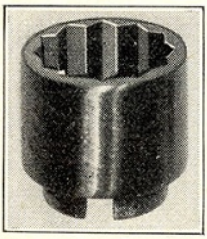
This important wrench is furnished in eight point broachings with 7/16″ and ½″ openings. The head is especially adapted for use on brake adjusting studs or other square nuts and set screws. (See 2035-8 on page 26.)
No. 2035-8—8-Point (See page 26 illust.) 12½″ long; wt. 12 oz.
No. 2036-8—8-Point Double Offset Brake Wrench (illust. above). 15½″ long; wt. 1 lb.; 7/16″ x ½″ openings.

See page 26 for group illustration of No. 2035-8.



No. 2620 Ford V-8 Manifold, Water Pump and Carburetor Wrench

This wrench has 9/16″ and ⅝″ 12 point openings. Also a good general purpose wrench. 7¼″ long; wt. 6 oz.



No. 2044

Model "A" Crank Jaw Socket

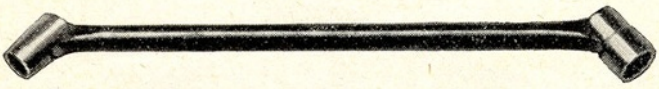
Has 1⅜-in., 12 point opening and ¾-in. service connection, with slot to fit a Ford starting crank.

1-3/16″ ins. clear.; 1¾″ long; wt. 8 oz.

No. 2055 Ford V-8 Drain Plug Wrench

2″ Hex. Drain Plug Wrench for '39 V-8 and Mercury Cars. 13½″ long; wt. 1 lb.

P & C Special Ford & Miscellaneous TOOLS



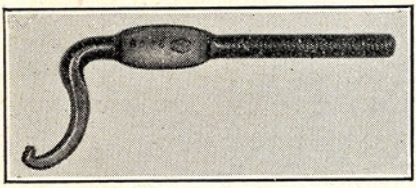
No. 3923 Ford Main Bearing and Con Rod Wrench

A flexible double end socket wrench with 21/32-in. and ¾-in. 12 point openings. Takes care of the main bearing and connecting rod nuts on all Ford models including V-8. Length 14 inches. wt. 1 lb.

No. 2040 Ford Front, Center and Rear Main Bearing "Flex" Wrench

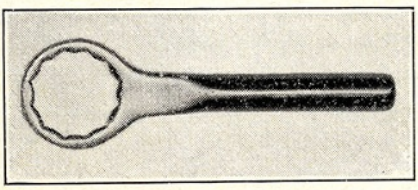
Fits V-8 and Model "A" Cars and Trucks

This is a combination flex wrench to handle all the main bearings of the Ford. However, being a double-end flex wrench with these particular sockets in combination makes it a very handy wrench for many jobs. ¾-in. 12 point and 9/16-in. 8 point openings. 14-in. long. Wt. 1¼ lbs.



No. 2005 Water Pump Wrench

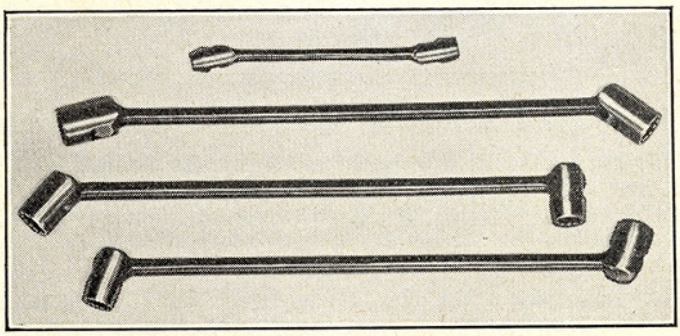
Used on Ford, Packard and Chevrolet cars. Especially adapted for pump nut work and many other places where spanner work is needed. 5½" long; wt. 4 oz.



No. 2043 Ford V-8 Fan Pulley Wrench

Place wrench on fan pulley nut with handle above lower radiator hose connection and step on starter to loosen fan pulley nut.

1⅜" 12 Pt. Offset; 6½" long; wt. 10 oz.

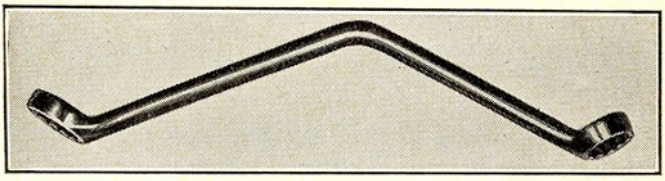


P & C Flex Wrenches

P & C Flex Wrenches of the type here illustrated were first designed for main bearing work on Ford and Chevrolet cars. They proved so popular with mechanics that they are now stocked in complete range of sizes for main bearings in all cars. Made 8" and 14" long which allows plenty of leverage for stubborn nuts, the flexible sockets enabling the mechanic to clear obstructions not possible with other types of wrenches. They have 12 point openings.

No.	Opening (in.)	Length (in.)	Wt.
3914	⅜ and 7/16	8	6 oz.
3918	½ and 9/16	8	6 oz.
3920	9/16 and ⅝	14	1 lb.
3921	9/16 and 11/16	14	1 lb.
3922	⅝ and 11/16	14	1 lb.
3923	21/32 and ¾	14	1 lb.
3924	⅝ and ¾	14	1 lb.
3925	11/16 and ¾	14	1¼ lbs.
3928	13/16 and ⅞	14	1½ lbs.
2040	9/16, 8 Point and ¾" 12 Point (Special for Ford)	14	1¼ lbs.

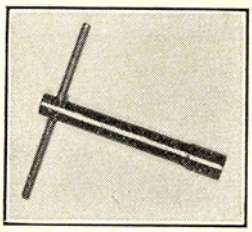
P & C SPECIAL FORD TOOLS



No. 2031 Double End V-8 Lamp Bracket Wrench

Fits all V-8 Lamp Brackets. Indispensable and useful wrench for lamp service without taking off light wire cables. 15/16" x 1 1/16". Has slotted milled opening on both ends and will fit other cars having similar lamp brackets.

14½" long; wt. 1 lb.

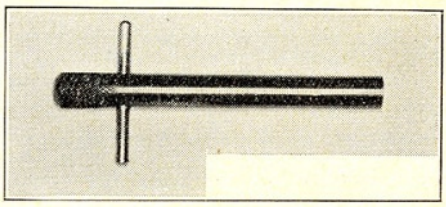


V-8 Carburetor Jet and Distributor Wrench

Every Ford mechanic should have one of these jet wrenches. Made of high grade steel. Light and strong.

No. 1—Carburetor Jet Wrench. 1¾" long; wt. 1 oz.

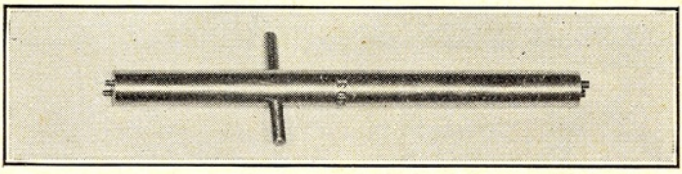
No. 4—Distributor Wrench, Hex Opening, 7/32"
2½" long; wt. 2 oz.



No. 5 Ford Model "A" Carburetor Jet Wrench

This carburetor jet wrench is 4½ inches overall and is hollow for 2⅜ inches deep. The first broaching at the point of the wrench is 10/32-in. hexagon, below which it is broached 9/32-in. hexagon, the balance of the hollow stem taking care of the jet stream.

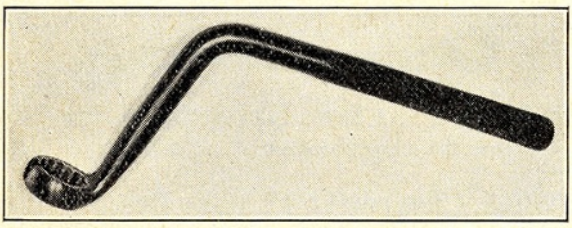
Very necessary on the Model "A" Ford carburetor. Works equally as well on all Zenith carburetors and on many other small nuts and jets. Fine for many jobs in electrical work. Small and light. 4½" long; wt. 3 oz.



No. 2003—1932 and 1933 V-8 Carburetor Jet Wrench

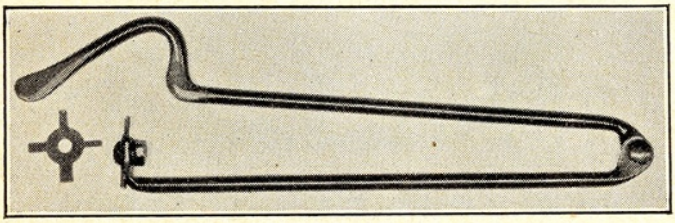
The pins on each end fit the jets and makes it easy to remove and replace them. 6¼" long; wt. 5 oz.

P & C SPECIAL FORD TOOLS



No. 2042 V-8 Horn Wrench

This ¾-inch box wrench is slotted to allow wire clearance. Bent just right to fit horn nut. 10″ long; wt. 6 oz.



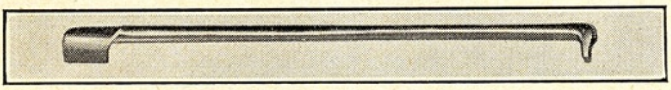
No. 204 P & C Ring Groove Cleaner

In this ring groove cleaner the body part is made of flat spring steel, making a tool easy to handle. The curved part, flattened the opposite way, fits perfectly in the groove. The 4-blade cutter is made of the best quality of saw steel, heat treated, being fitted on with machine screw, nut and lock washer—quickly adjusted and stays in position.

Sizes of blades on cutting wheel
3/32-in., 1/8-in., 5/32-in., 3/16-in.

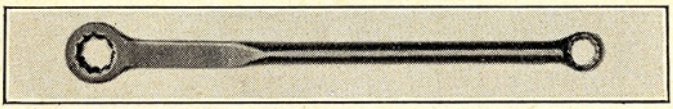
No. 204—Ring Groove Cleaner complete.
12¼″ long; wt. 8 oz.

No. 204-B—Extra Cutting Wheels.



No. 175 Tie Rod Tool

Specially adapted for Ford and most other makes of cars.
6¾″ long; wt. 2 oz.



No. 2009 V-8 Shock Absorber Wrench

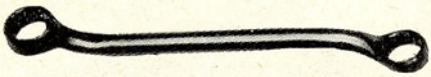
No. 2009—Ford V-8 Shock Absorber Wrench to fit late V-8 Cars 8 Point and 12 Point Wrench. Reaches difficult filler plugs. 8¾″ long; wt. 6 oz.

No. 2009-1—Double Offset Single End Crowfoot Type in 7/16″ 8 Pt. only. 9″ long; wt. 9 oz.

No. 3219 Model "A" Grease Baffle Socket

Has 9/16-in. 12 point opening and ⅜-in. square connection. With this socket, baffle plate bolts can be removed and replaced from the outside. (If ½-in. connection socket is wanted order No. 6219.) 2⅛″ long; wt. 3 oz.

P & C Special Chev. & Gen. Motors Tools



No. 2118 12 Pt. Chev. Universal Joint Wrench

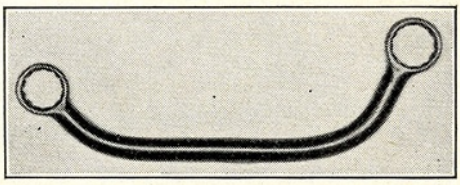
A handy wrench for many purposes; ½-in. and 9/16-in; 6¼" long; wt. 4 oz.

No. 2229-L Chevrolet "4" Main Bearing Wrench

A reliable wrench for this particular use. 13/16-in. and ⅞-in. 12 point openings. Length 16 inches. A general purpose box wrench in addition to the above. Wt. 16 oz.

OBSTRUCTION WRENCHES

9/16



5/8

No. 1205 12 Pt. Chev. Manifold and Starter Wrench

A hand-forged wrench with just the right bends to easily handle the manifold and starter nuts. 6¾" long; wt. 5 oz.
No. 2623—⅝"x¾"-12 Pt. "S" Wrench for late Chev. manifold and starter nuts; 8" long; wt. 7 oz. (See illust. page 14.)

No. 3217 Chevrolet Oil Pan Screw Driver

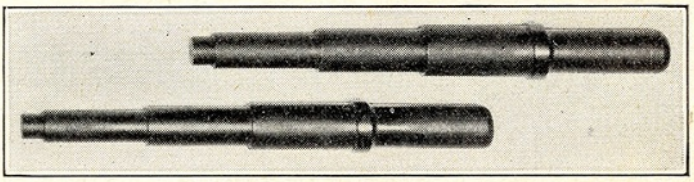
This handy little tool should be in every Chevrolet mechanic's box; ⅜-in. connection. (Pontiac size No. 3218). 1¾" long; wt. 3 oz. (See illustration on page 5.)

No. 920 1932 Chevrolet Wheel Starter

Size 13/16-in., SAE 16-thread. (See page 18.) Wt. 10 oz.

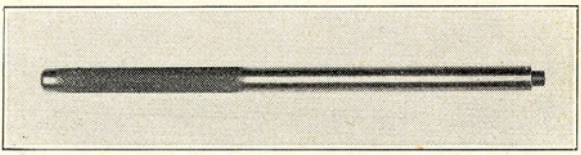
No. 1232-C Chev. Pump Nut Wrench—2½" long

(See illust. page 16.)



Nos. 2037 and 2038—Step Cut Bushing Punches

A handy pair of punches for general use. 8" long; wt. per pair 2 lbs.



No. 1216 Chevrolet Valve Guide Punch

Valve guides can be removed very easily with this punch, even when badly carboned. 10" long; wt. 8 oz.

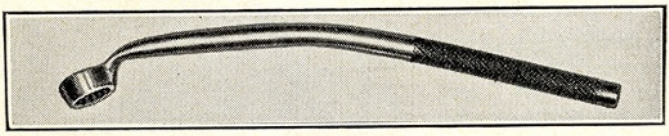
No. 3925 Chevrolet Main Bearing Wrench

This P & C flexible main bearing wrench is designed to speed up those main bearing jobs. 11/16-in. and ¾-in. openings, 14 inches long; wt. 1¼ lbs.

No. 3924 Chevrolet "6" Main Bearing Wrench

Also a fine geieral purpose wrench, 14 inches long, ⅝-in. and ¾-in. 12 point socket openings. The flexible sockets make this wrench very popular for many jobs. Wt. 1¼ lbs.

P & C Special Chev. & Gen. Motors Tools

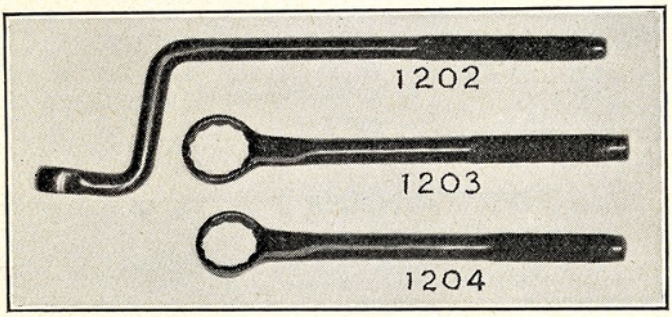


No. 1213 Chevrolet Lamp Bracket Wrench

⅝"-12 Pt. A popular time saver tool for Chevrolet Lamp Bracket work. 9½" long; wt. 6 oz.

No. 1214 15/16" General Motors Lamp Bracket Wrench

Especially designed for lamp bracket adjusting service on Buick, Pontiac, Oldsmobile, Cadillac and LaSalle cars. (See No. 1213 for Chevrolet). 11¼" long; wt. 12 oz.

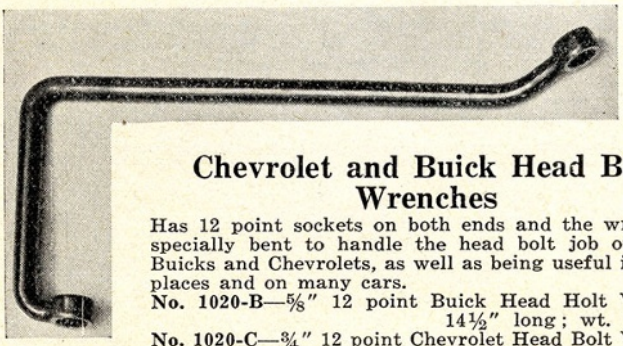


Chevrolet and Pontiac Steering Gear Adjusting Wrenches

No. 1202—⅝" Single End Double Offset Box Wr. 8" long; wt. 10 oz.
No. 1203—15/16" Single End Box Wrench. 8" long; wt. 10 oz.
No. 1204—⅞" Single End Box Wrench. 8" long; wt. 10 oz.

No. 1211 Knee-Action Steering Arm Wrench for Chevrolet and Pontiac

This wrench is 18 inches long and has 1¼-inch 12 point opening.

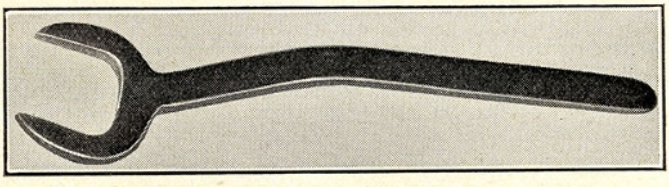


Chevrolet and Buick Head Bolt Wrenches

Has 12 point sockets on both ends and the wrench is specially bent to handle the head bolt job on many Buicks and Chevrolets, as well as being useful in many places and on many cars.

No. 1020-B—⅝" 12 point Buick Head Holt Wrench. 14½" long; wt. 1¼ lbs.
No. 1020-C—¾" 12 point Chevrolet Head Bolt Wrench. 14" long; wt. 1¼ lbs.

Buick Pump Nut Wrenches



No. 1290—1¼" for 60, 80, 90 Series. 10¾" long; wt. 8 oz.
No. 1288—1-3/16" for 40 Series Buick; 12¼" long; wt. 6 oz.

No. 1021 ⅞" Hex T Chev. Truck Rim Wrench

Hand forged special for Chevrolet and other trucks using ⅞" hex nuts. ¾" stock, ½" x 18" T handle. 11¾" overall length; wt. 2¾ lbs.

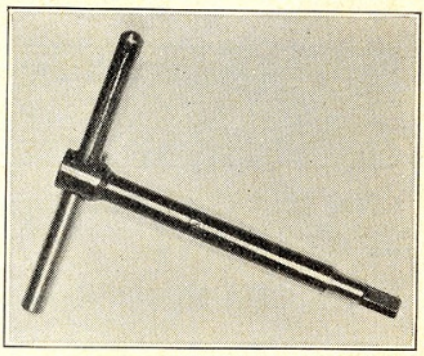
P & C SPECIAL WRENCHES

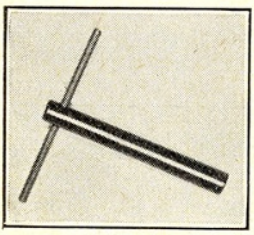
No. 1210 Caster Adjusting Wrench

for Plymouth, Dodge and Chrysler Cars

To make adjustment, grease nipple must be removed from upper control arm yoke bolt so wrench can be inserted to caster adjusting screw inside yoke bolt.

4¾" long; wt. 4 oz.





No. 2

Stromberg Carburetor Wrench

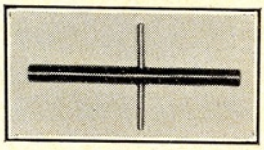
A necessary tool for making adjustments on Stromberg carburetors.

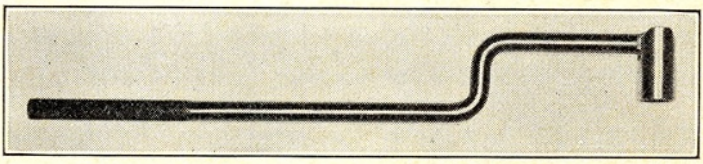
2⅝" long; wt. 2 oz.

No. 3 Trico Windshield Swipe Wrench

Double End Broached Wrench to fit all late model Trico Windshield Swipes. Every mechanic should own one.

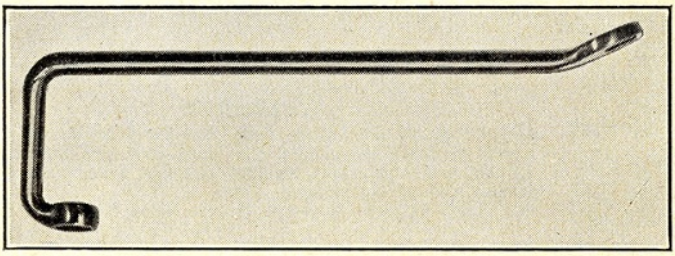
4" long; wt. 2 oz.





No. 3950 Allis-Chalmers Connecting Rod Wrench

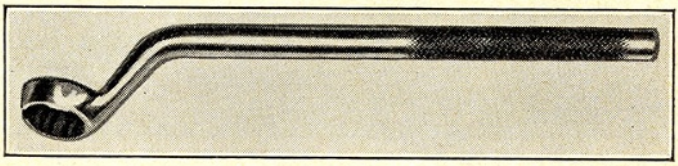
This wrench has ¾-inch, 12 point flexible socket, and is offset to allow clearance through hand hole on side of motor. Works perfectly on connecting rods and can also be used on other jobs. Length 18 inches .Saves much time in tightening bearings. Wt. 1½ lbs.



No. 1224 International Truck Head Bolt Wrench

¾" 15° offset open end x ¾" 12 point double offset box

This wrench will fit all International head bolts on new and old trucks. Indispensable for this work and equally useful on any car or truck with ¾" nut. 14" long; wt. 1¼ lbs.

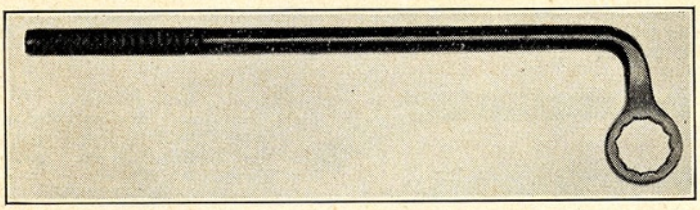


No. 1217 Hudson Terraplane Lamp Bracket Wr.

15/16" 12 Point

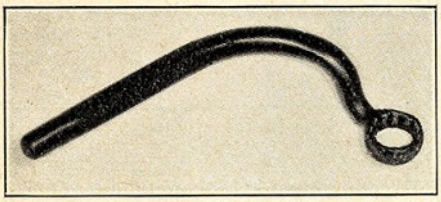
This special wrench has slotted milled opening to slip over lamp cable. Offset to reach up under fender also fits other cars having similar bracket. 11" long; wt. 12 oz.

P & C SPECIAL WRENCHES



No. 1212 Knee-Action Camber Adjusting Wrench for Plymouth, Dodge and Chrysler Sixes

Just the wrench needed for making this difficult adjustment. 1¼", 12 point opening; 16 inches long. Wt. 1½ lbs.
No. 1212-A—Same as 1212 with 1 7/16", 12 point opening.....



Starter Wrenches for Dodge, Plymouth and Chrysler Cars

No. 1218—⅝", 12 point Double Offset. 9" long; wt. 6 oz.
No. 1220—⅝", 12 point Curved Offset (illus.) 6½" long; wt. 5 oz.

No. 1215, De Soto Generator Wrench

This wrench is made 12 inches long to allow sufficient clearance. It has a ⅝-inch, 12 point opening. A handy wrench for many purposes. Wt. 8 oz.

No. 1219 Starting Motor Nut Wrench

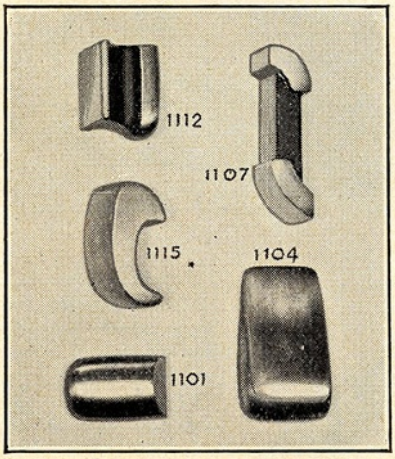
For Plymouth, Dodge, De Soto and Chrysler cars.
⅝-inch 12 point opening 5¾" long; wt. 2 oz.

No. 1207 7/16" 2 in 1 Diesel Wrench

This combination (2 in 1) slotted 30° offset Hex Box and Open End Wrench fits a large percentage of fuel line nuts on Diesel Motors. Slotted Hex Box end slips over fuel line to speedily adjust nut without injury or strain. Popular with Diesel mechanics. Wt. 2 ozs.

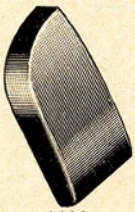
P & C BODY & FENDER TOOLS

P & C presents a high quality line of selected fender tools for body and fender work. Only necessary and up to date tools are offered. All items are recommended by body and fender specialists. Hammers and spoons are forged from high grade steel and designed for fast convenient work. Dollies are shaped just right to take care of latest model car fender and body work.



P & C Dollies

P & C Dollies are made of semi-steel alloy. In the grinding and polishing operation, much care is exercised to insure accuracy of all angles and contours. These tools are so designed as to incorporate as many curves as possible, which gives each a wide range of uses, also to meet the requirements of the later model cars.


1116

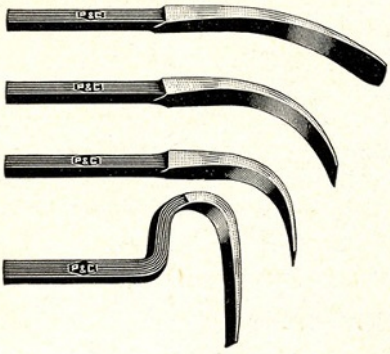
1117

P & C Dollie Blocks

No.	Description	Weight
1101	Egg Shape Dollie	2 lbs.
1104	Wedge Shape Dollie	3 lbs.
1107	Fender Well Dollie	2 lbs.
1112	General Purpose Dollie	2½ lbs.
1115	Comma Curved Dollie	2 lbs.
1116	Radius Toe Dollie	2½ lbs.
1117	Heel Elliptical Dollie	2¼ lbs

P & C HAND FORGED SPOONS

Forged from highest quality steels. Working faces are carefully ground and polished to smooth accurate contours. They are designed to meet almost any requirement in repairing automobile bodies and fenders.



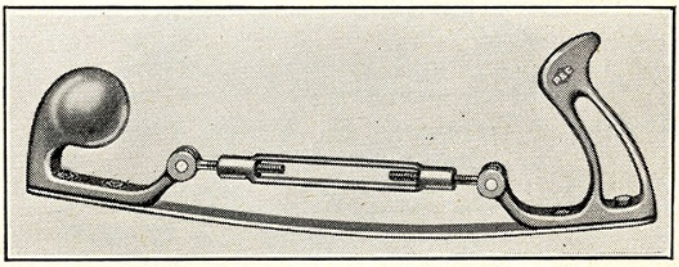
No. Description

1126—Long Narrow Spoon to remove body panel dents and difficult to reach places. Wt. 1½ lbs.

1123—Long Broad Spoon for general work; good in back corners of auto body. Wt. 2 lbs.

1124—Short Broad Spoon—short curve but no crown. Useful in working out quarter panels. Wt. 1½ lb.

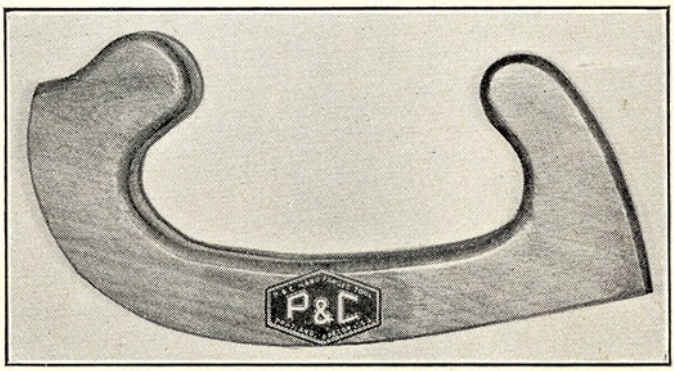
1125—Sharp Right Angle Spoon for working over front fender bracket, roof panels and turret tops. Wt. 1½ lbs.

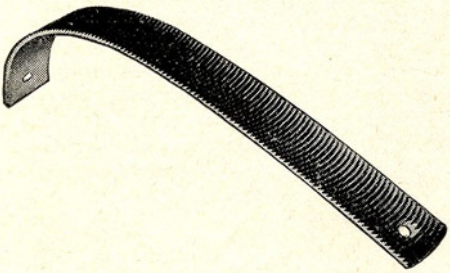


Adjustable Flexible File Holder and File

No. 1171—Latest popular adjustable flexible file holder for straight filing or can be easily adjusted for curving the file either outward (concave) or inward (convex). Easy Grip light weight—excellent quality. Light and graceful designed aluminum. Handles permit access to close places.

No.	Weight
1171—Holder only	1¼ lbs.
1172—Holder complete with flexible standard cut file	1¾ lbs.
1173—14″ Flexible Standard Cut File	8 oz.





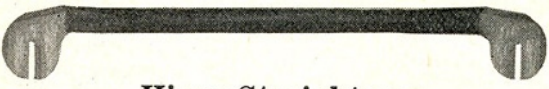
Designed particularly for use on fenders and fender wells. The flexible file will not take care of such short curves. The file is made rigid and has teeth on one side only and furnished in 14″ length.

Special Curved Hard Wood File Handle and File

No.	Weight
1161—Special Curved File Handle only	10 oz.
1162—Handle complete with special curved file	1 lb.
*1163—Special 14″ Curved File only	8 oz.

*These files are not made by P & C and only guaranteed as specified by the manufacturer.

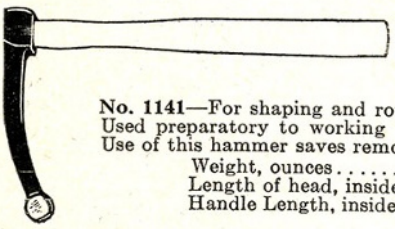
P & C BODY & FENDER TOOLS



Hinge Straightener

No. 1148—A very sturdy tool for quickly fitting doors with sprung hinges, without removing. Hand forged and tempered.

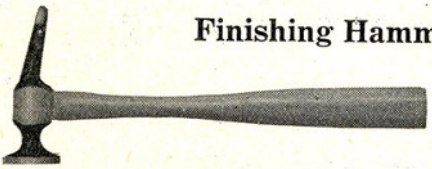
12½" long; wt. 1 lb.



Roughing Hammer

No. 1141—For shaping and roughing out heavy fender dents. Used preparatory to working with dollies and ding hammer. Use of this hammer saves removing the tire or wheel

Weight, ounces	24
Length of head, inside	8½"
Handle Length, inside	15"

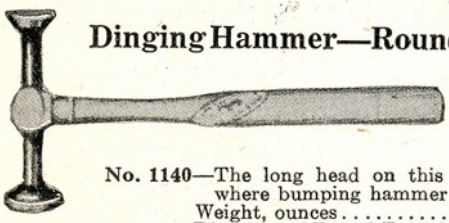


Finishing Hammers

No. 1144—Hand forged, has large slightly crowned face for finishing, and oval cross pein on other end of head, with large strong eye. Best grade hickory handle. Wt. 8 oz.

No. 1145—Same as No. 1144 except small end of head has ball pein.

No. 1146—Same as No. 1144 except small end of head has cross pein.

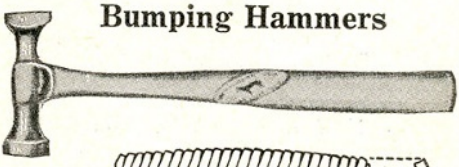


Dinging Hammer—Round and Square Face

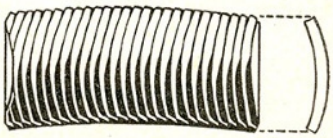
No. 1140—The long head on this hammer permits dinging where bumping hammer can't be used.

Weight, ounces	10
Diameter of Round Face, inside	1¼"
Size of Square Face, inside	1"

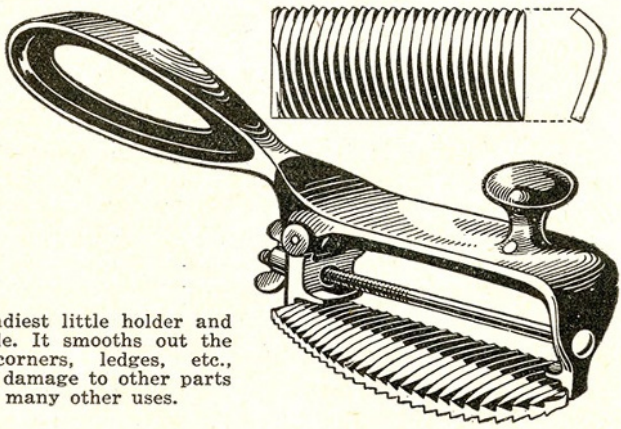
No. 1142—Square and round faces are shortened up for close work and accurate blows. 10 oz.



Bumping Hammers



Reveal Tool

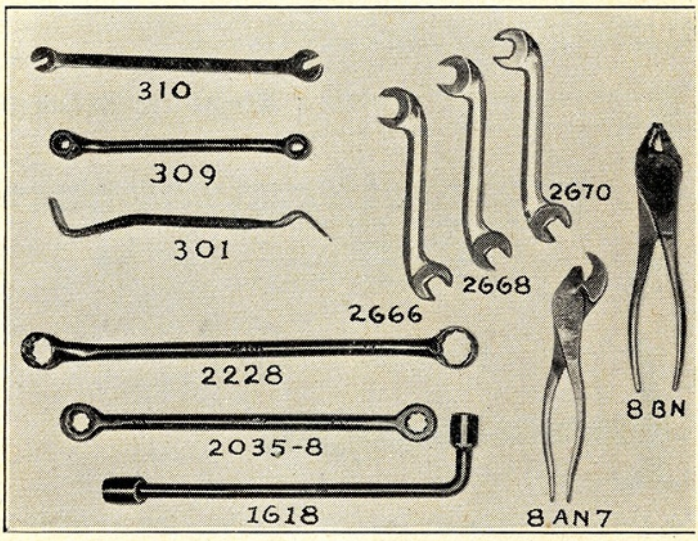


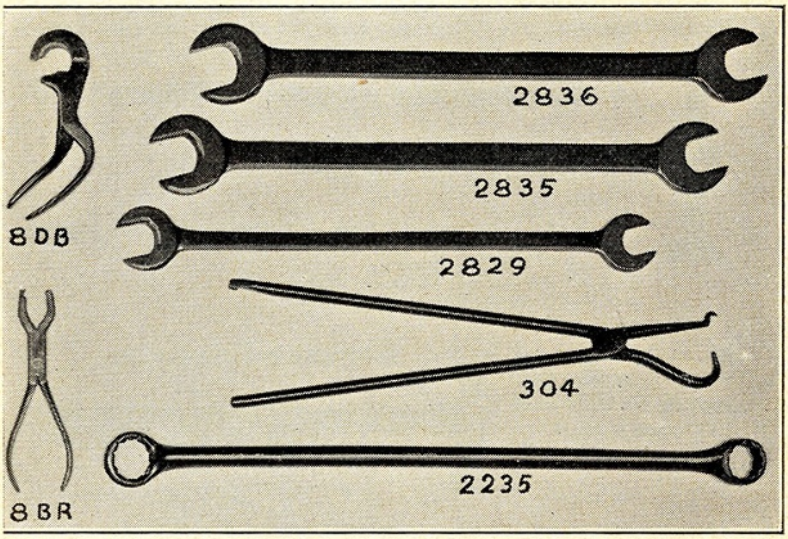
The handiest little holder and file made. It smooths out the small corners, ledges, etc., without damage to other parts and has many other uses.

No.	Description	Weight
1152	Reveal Tool Holder only	9 oz.
1153	Special Half Round Shell File	2 oz.
1154	Special Flat Square Cornered File	2 oz.
1155	Special Egg Shaped File	2 oz.

P & C Brake Service Tools

P & C offers a very complete and choice selection of brake tools most frequently needed and used by skilled mechanics in brake service shops. These tools are adapted to both mechanical and hydraulic brakes. P & C brake tools will equip the mechanic to guarantee expert safety brake work. Each tool is made to P & C standards of high quality for speed and efficiency in modern stations and shops.





Eccentric Brake Wrenches

No.	Openings (in.)	Weight
310	3/16 x ¼ (open end)—8¼" long	3 oz.
311	5/16 x ⅜ (open end)—8¼" long	3 oz.
309	3/16 x ¼ (closed slot)—7" long	3 oz.
312	5/16 x ⅜ (closed slot)—7" long	3 oz.

Bendix Brake Tools

No. 301—For Bendix Brakes on Hudson, Essex (illus. above). 8" long; wt. 3 oz.

No. 302—For Bendix Brakes on most cars and trucks (special offset). 7¼" long; wt. 3 oz. (302 similar to 301, but different offset.)

Box Wrenches—12 Pt.

No.	(Inches)	Weight
2223	5/16 x ⅜—8" long, straight	3 oz.
2228	¾ x ⅞—12" long, offset	10 oz.
2235	15/16 x 1-1/16—18" long, offset	24 oz.

Ford Brake Adjustment Wrenches

No. 2035-8—8 Point Ford Brake Wrench (illus. page 21); double off- 12½" long; wt. 12 oz.

No. 2036-8—8 point Ford Brake Wrench (illus. page 21); double offset, 15½" long; wt. 1 lb.

L Wrench

No. 1618—9/16" Double End L Wrench—10" long; wt. 10 oz.

45° & 90° Brake & Obstruction Wrenches

No. 2666—½" Openings; 6¼" long; wt. 4 oz.

No. 2668—9/16" Openings; 6¼" long; wt. 4 oz.

No 2670—⅝" Openings; 6¼" long. wt. 4 oz.

Brake Pliers

No. 8-AN-7—Angle Nose Plier.
No. 8-BN—Brake Shoe Washer Spreader.
No. 8-DB—Brake Adj. Plier.
No. 8-BR—Hydraulic Brake Spring Cup Lock Remover.
No. 304—Brake Spring Plier.

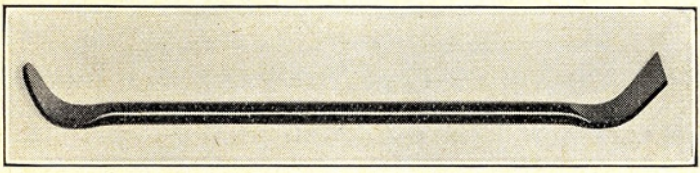
Open End Wrenches

No. 2836—1" x 1⅛"; 16" long; wt. 1¼ lbs.
No. 2835-L—15/16" and 1-1/16"; 16" long; wt. 1 lb.
No. 2829—¾" and ⅞"; 15" long; wt. 10 oz.

P & C Service Sta. & Garage Tools

A carefully selected line of service station, garage and general use tools. Special Display Service Units furnished on request.

NOTE: For other popular service station tools, see drain plug sockets, page 8; Spark Plug and Standard Socket Sets, pegas 8 and 9; Box Wrenches, pages 14 and 16; open end wrenches, page 15; special car tools, pages 20 to 24; body and fender tools, pages 24 and 25; screw drivers, pages 30 and 31; punches and chisels, pages 32 and 33; and pliers, hammers and adjusting wrenches, page 29.

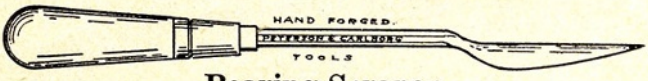


No. 93 Gasket and Carbon Scraper

No. 93—Double End; 9" long; wt. 4 oz.

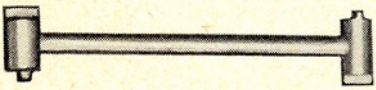
No. 94 Flexible Carbon Scraper

No. 94—Flexible Carbon Scraper—highest quality; 9" long; wt. 5 oz.



Bearing Scraper

Hand forged, accurately ground and tempered, these bearing scrapers remain in good condition longer. Designed for fast accurate work.
No. 95—Small Size—10" overall length; wt. ¼ lb.
No. 97—Large Size—11" overall length; wt. ½ lb.

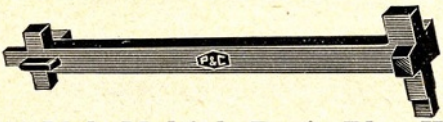


No. 1601 Double End Offset Screw Driver

Designed to fit practically all shock absorbers with screw stud. ⅛ x ⅝-in. and 1/16 x ½-in. end blades; 6¾-in. long; wt. 6 oz.

No. 230 Tire Prodding Awl

A broad tapered steel blade with sharp point for quickly removing imbedded foreign material in tires. Wt. 3 oz.



No. 200 Male Multiple Drain Plug Wrench

Ten different male plug sizes for fast oil change service on nearly all cars and trucks. Approx. length 9"; wt. 14 oz.

No. 199 Female Mult. Drain Plug Wr.; wt. 11 oz.

No. 305 Brake Nippers

Useful for pulling brake rod cotters, adjusting clevis on rods and removing all brake shoe springs and adjusting shafts. Handle screw driver for removing hub caps, spreading cotter, etc. Wt. 8 oz.

Economy Open End Wrenches

Nos. 2413-E to 2428-E (5/16" to ⅞") Economy Open End Wrenches. See Price Sheet for numbers and sizes.

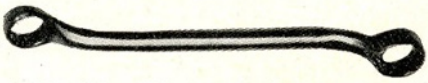
P & C Service Sta. & Garage Tools

No. 202 Grease Pinch Bar

Hand forged from Octagon Alloy Steel 3 leaf 25° angle fork to reach and loosen frozen spring shackles. Long thin knurled pinch bar end to prevent slipping. ¾"x30" long; wt. 4½ lbs.

No. 203 Grease Pinch Pinch Bar

Like 202 but 90° offset.



No. 2120-E 9/16 x ⅝ 12 pt. Battery, Starter and Valve Base Nut Wrench

Adapted to battery terminal and starter nuts. Also fits popular sizes in valve stem jam nuts for tightening on rim. Wt. 5 oz.

No. 308-E Valve Stem Holding Tool

Slotted oblong openings to fit valve stems. Wt. 5 oz.

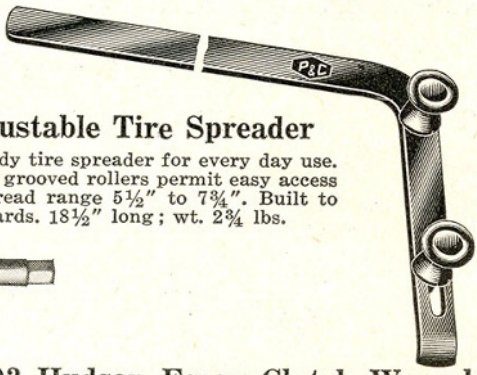
No. 2228-E ¾x⅞ 12 pt. Tire Valve Stem Wrench

Double offset 12 pt. Box Wrench to remove valve stem nuts on older cars having difficult stem locations. Wt. 10 oz.

No. 2224-X 11/16x¾ Tire Valve Stem Wrench

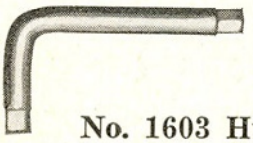
Offset 12 pt. Box Wrench with slotted ends to slip over curved and obstructed valve stems in disc and wire wheels. Wt. 7 oz.

No. 232 Tube Patching, Buffing Rasp & Stitcher
No. 234 Tire and Rim Brush; 14" long; wt. 7 oz.



No. 212 Adjustable Tire Spreader

Necessary and handy tire spreader for every day use. Adjustable revolving grooved rollers permit easy access around tire with spread range 5½" to 7¾". Built to P & C quality standards. 18½" long; wt. 2¾ lbs.

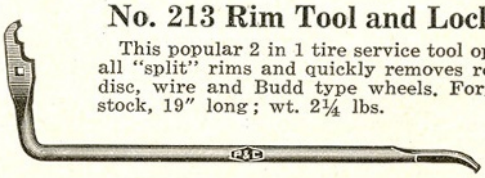


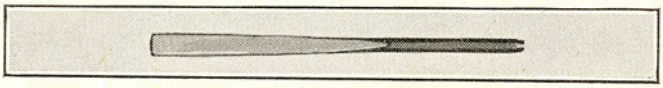
No. 1603 Hudson Essex Clutch Wrench

Fits square and hex insert plugs on Hudson and Essex clutch. ⅜" square, 2" offset x 7/16" hex—4" offset; wt. 6 oz.

No. 213 Rim Tool and Lock Ring Lifter

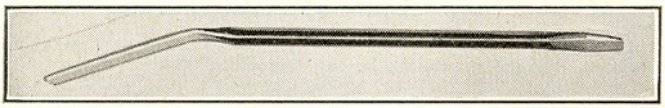
This popular 2 in 1 tire service tool opens or locks almost all "split" rims and quickly removes retaining rings from disc, wire and Budd type wheels. Forged from ¾" alloy stock, 19" long; wt. 2¼ lbs.





Spring Spreader

No. 215. ⅝" x 18" octagonal stock. Real time saver for driving between leaves of spring. Wt. 1 lb. 4 oz. Wt. 1 lb. 4 oz.



No. 210 Tire Iron and Grease Bar

No. 210—Chrome Molybdenum steel, heat treated. Wt. 2 lbs.

P & C Service Sta. & Garage Tools

No. 205 15½″ Rim Tool and Tire Iron

A preferred hand forged quality tool for unlocking and replacing all type of rims. Selected steel and heat treated. Designed for all around garage and service station use. Wt. 1½ lbs.

No. 206 20″ Rim Tool and Tire Iron

Extra long leverage and desirable for unlocking and locking split type rims. A fine quality hand forged tire tool. Wt. 2 lbs.

No. 207 18″ Flat Spoon Tire Iron

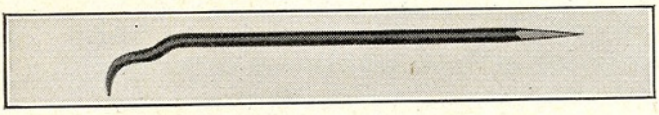
Hand forged into wide thin blade to give large area contact for easy work and avoid bruising tires. Adapted to cars, trucks and busses. Wt. 2 lbs.

No. 208 18″ Curved Spoon Tire Iron

Similar to No. 207 but slightly curved face to work on drop center rims and general tire work. All quality hand forged irons from alloy steel to insure satisfactory service. Wt. 2 lbs.

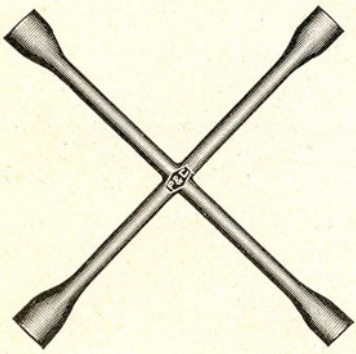
No. 209 26″ Heavy Duty Curved Tire Iron

Similar in design to No. 208 but heavier and longer for truck and big tire service. Fills a need in shops and service stations where strength, speed and quality are required. Wt. 4 lbs.



Combination Tire and Rim Tool

No. 211—Specially adapted to rim work where close fitting and difficult work is involved. Alloy steel and heat treated. Wt. 2 lbs.



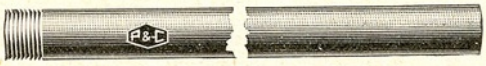
New P & C Four-Way Rim Wrench

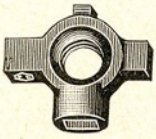
Length over all 16″ which allows for greater clearance than most Four-Way Wrenches on the market. Sockets have ample depth for all rim nuts and bolts. Thin socket heads, hand forged.

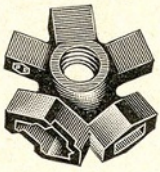
No. 1175 — Hexagon Openings, ⅝″, ¾″, 13/16″, and ⅞″; wt. 2¾ lbs.
Socket Lengths, 1¼″, 1¼″, 1⅜″, and 1⅜″.

No. 1176-E — Economy 4-Way Rim Wrench, 14″ long; wt. 2¼ lbs.

No. 1174-E—¾x11/16 Dbl. End Speed Wrench. Wt. 1¼ lbs.







Barrel Bung Wrenches

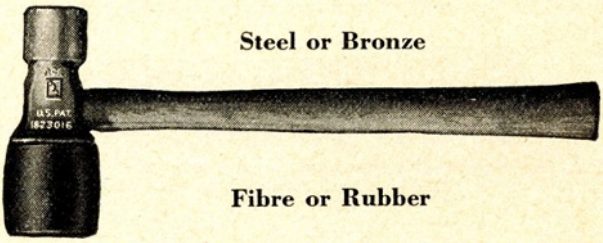
No. 975—Multiple (9 Way) Barrel Bung Wrench. Made from the finest chrome nickel alloy steel with tensile strength equal to any bung job. Sized to fit nearly all types of drums. Drilled and tapped for 1″ standard pipe thread. Used by major oil companies. A P & C product with an enviable reputation. Approx. wt. 3¼ lbs.

No. 970—Cross (5 Way) Barrel Bung Wrench. Different in design but of same high quality steel and construction as No. 975. This bung wrench is also popular among oil company and service station operators. Drilled and tapped for 1″ standard pipe thread. Wt. 2 lbs.

No. 972—1″ x 22″ Stand. Pipe Handle for above wrenches. Wt. 3 lbs.

P & C "ACE" COMBINATION-STEEL-BRONZE-RUBBER-FIBER HAMMERS

P & C presents a wide choice of high grade combination hammers for all types of Automotive, Airplane, Machinist, Electrical, Cooperage, Plumbing, Woodworking, Print Shop, Sheet Metal and specialized Oil Refineries and Industrial Service. Selected steel, bronze, rubber and fiber in correct design insure maximum quality of product and efficient service. And most important, any desired "combination" can be made up in a jiffy.



No. 3-R—2¼ lbs. **Steel** with **Rubber** Heads (2" face) tire mounting, machinists, plumbers, wood workers, cooperage, sheet metal, general use.

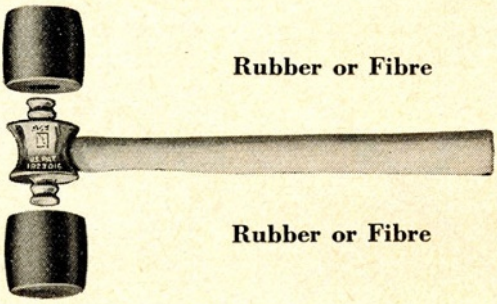
No. 3-F—2¼ lbs. **Steel** with **Fiber** Heads (2" face) Body and Fender, garage, machinists, double seaming sheet metal, heavy use, long wear.

No. 23-R—2¼ lbs. **Bronze** with **Rubber** Heads (2" face) Non-sparking for Oil Refineries and gas plants, and specialized industrial and machinist service.

No. 22-R—1½ lbs. **Bronze** with **Rubber** Heads (1¾" face).

No. 23-F—2¼ lbs. **Bronze** with **Fiber** Heads (2" face).

No. 22-F—1½ lbs. **Bronze** with **Fiber** Heads (1½" face).



No. 4-RR—2¼ lbs. **Rubber** and **Rubber** Heads (2" face).

No. A-4-RR—1 lb. 2 oz. **Rubber** and **Rubber** Heads (1¾" face).

No. 4-FF—2¼ lbs. **Fiber** and **Fiber** Heads (2" face).

No. A-4-FF—1 lb. 2 oz. **Fiber** and **Fiber** Heads (1¾" face).

No. 4-FR—2¼ lbs. **Fiber** and **Rubber** Heads (2" face).

No. A-4-FR—1 lb. 2 oz. **Fiber** and **Rubber** Heads (1¾" face).

Replacement Hammer Heads

No. A Rubber Head—1¾" face.

No. C Rubber Head—2" face.

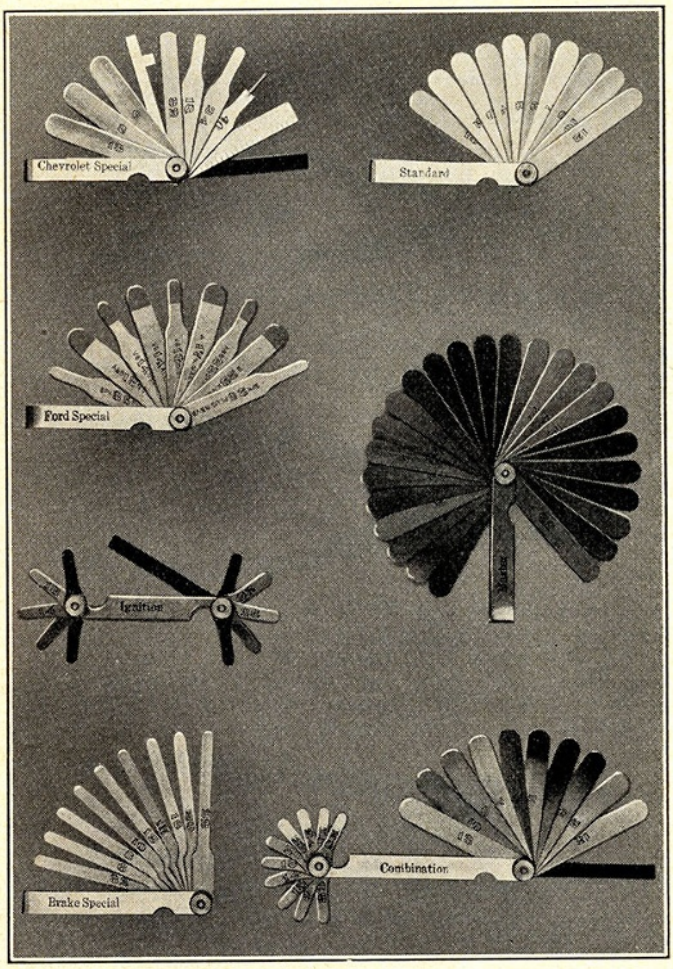
No. B Fiber Head—1¾" face.

No. D Fiber Head—2" face.

To replace head, apply a little shellac or rubber cement and press on new head in vise. Because "Ace" hammers are subject to natural wear and abuse, they are only guaranteed against defective workmanship and material subject to factory inspection.

P & C QUALITY FEELER GAUGES

1072 1058 1070 1062 1064 1068 1066



P & C offers a practical line of highest quality feeler gauges made from the finest selected steel, precision sized, permanently marked, scientifically tempered, highly polished, made by expert craftsmen, for long life and accurate work. Sturdy holders with notched handles and knurled lock nuts for quick adjustments. Excellent quality at reasonable prices.

No. 1050—Open Standard Feeler Gauge Stock. ½″ x 3½″ blades. Order by catalog number and thickness. Available open stock in: .0015, 002, 003, 004, 005, 006, 007, 008, 009, 010, 011, 012, 013, 014, 015, 016, 018, 020, 022, 024. 025, 028, 030, 035, 040. (Ask for Jobber stock display panel).

No. 1052—Open Feeler Gauge Stock. ½″ x 12″ blade. Order by catalog number and thickness .Available open stock in: .0015, 002, 003, 004, 005, 006, 007, 008, 009, 010, 011, 012, 013, 016. (Ask for Jobber stock display panel).

No. 1054—Standard Gauge Holder only with notched handle and knurled adjusting nuts for 3½″ blades. **15 blade size.**

No. 1055—Standard Gauge Holder only with notched handle and knurled adjusting nuts for 3½″ blades. **30 blade size.**

No. 1058—Standard Feeler Gauge Holder complete with **10 3½″ blades** including: 002, 003, 004, 005, 006, 007, 008, 010, 012, 015—wt. 2 oz. (Or available in any 10 blade selection of open stock at same price).

No. 1060—Special Standard Feeler Gauge Holder complete with **15 3½″ blades** including any selection of open stock.

No. 1062—Master Standard Feeler Gauge Holder complete with **25 3½″ blades** including: .0015, 002, 003, 004, 005, 006, 007, 008, 009, 010, 011, 012, 013, 014, 015, 016, 018, 020, 024, 025, 028, 030, 032, 035 —wt. 4 oz.

No. 1064—Ignition Gauge with File—Double end Holder complete with **4 1½″ blade fingers** each end and 3″ point file, including: 012, 013, 014, 018, 020, 022, 025, 028, 032, 035. (No open stock). Wt. 2 oz.

No. 1066—Combination Standard and Ignition Gauge with File—Double End Holder complete with Standard **10 3½″ blades**, including: 002, 003, 004, 005, 006, 007, 008, 010, 013, 015, and 3″ point file; 10 1½″ Ignition blades including: 012, 013, 014, 018, 020, 022, 024, 025, 028, 032. Complete wt. 2¾ oz.

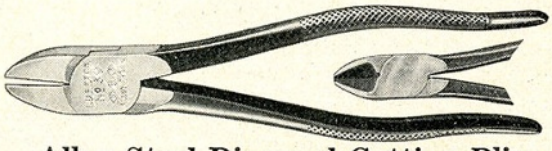
No. 1068—Brake Adjustment Gauge—Holder complete with **9 narrow 4″ blades** including: 006, 008, 010, 012, 014, 016, 018, 020, 025 Wt. 2 oz.

No. 1070—Special Ford Feeler Gauge—Holder complete with **9 3½″ selected blades** including: 013 valve, 014, valve, 014 dist, 016 dist, 017 valve, 022 dist, 022 valve, 025 plug, 035 plug.

No. 1072—Chevrolet Special Feeler Gauge—Holder complete with 3″ point file; 3″ rule; float and level gauge; and 7 3½″ gauges including: 006, 008, 013, 018, 024, 032, 040.

P & C PLIERS

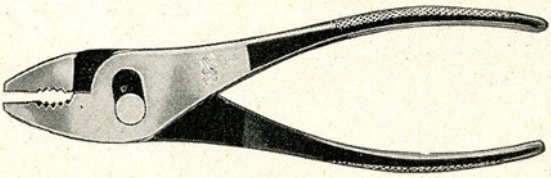
P & C Pliers are drop forged from special alloy steel, expertly designed and finished by craftsmen of many years experience in manufacturing high quality mechanics' tools. P & C pliers will retain clean sharp cutting edges and will endure as hard usage as the best pliers made anywhere today. The finished pliers are individually tested, and when used for the purpse for which they were intended, will give long years of continuous satisfactory service.



Alloy Steel Diagonal Cutting Plier

No. 8-D5—5" long. Diagonal Cutting Plier. Wt. 4" oz.
No. 8-D7—7" long. Heavy Duty Diagonal Cutting Plier. Wt. 11 oz.

Drop forged from the finest alloy steel. Hand honed cutting knives that will cut clean and stand up.

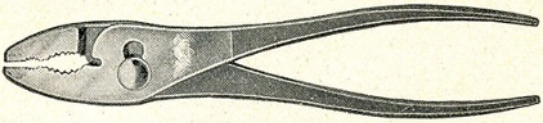


Combination Slip Joint Plier

No. 8-C6—6" Combination Slip Joint Plier. Wt. 7½" oz.
No. 8-C8—8" Combination Slip Joint Plier. Wt. 11 oz.

Nose is long and narrow, rivet is flush on both sides doing away with the old trouble of tightening the bolt every time the plier is used.

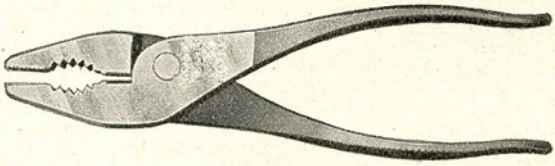
No. 8-E-6—Economy Comb. Plier; 6" long; wt. 5 oz.



Heavy Duty Slip Joint Combination Plier

No. 8-C10—Heavy Duty Slip Joint Combination Plier. 10" long; wt. 1 lb. 3 oz.

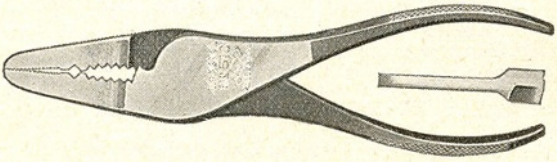
A heavy duty plier designed for work that the ordinary plier will not stand. The cutting knives pass at an angle so they cut clean. The heavy well shaped handles will not set.



Slip Joint Side Cutter

No. 8-GU—Slip Joint Side Cutter. 7" long; wt. 11 oz.

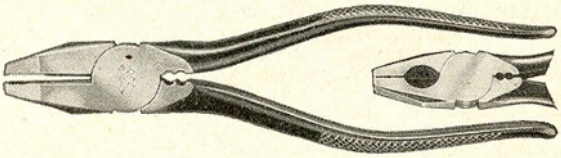
Alloy steel, hardened and tempered in oil. Keen sharp cutting knives that will cut and stand up.



Long Nose Slip Joint Plier

No. 8-TGU—Long Nose Slip Joint Plier. 7" long; wt. 10 oz.

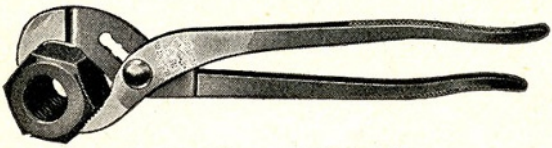
A special extra long thin nose mechanic's plier for the hard to get at places. Drop forged from alloy steel.



Side Cutting Lineman's Plier

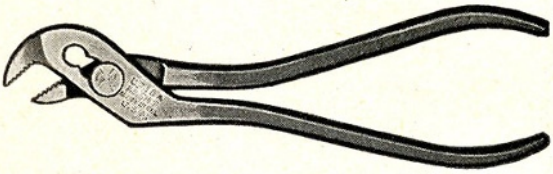
No. 8-SC—Lineman's Plier. 7" long; wt. 11 oz.

This is the P & C Standard Side Cutting Plier, with splicing clamps or sleeve twister between the handles that will take the sleeve without bruising or crushing either sleeve or wire.



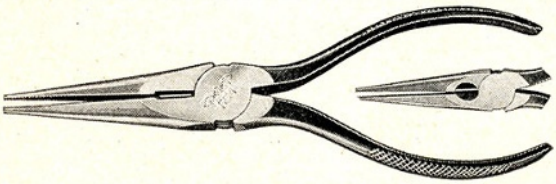
Water Pump Nut Plier

No. 8-PN—Water Pump Nut Plier. 10″ long; wt. 11 oz.
Jaws that will open for all sizes of water pump nuts.
No. 8-PN-E—Economy Water Pump Plier; wt. 11 oz.



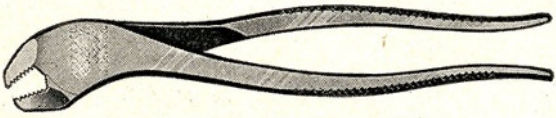
Ignition Plier

No. 8-I—Ignition Plier. 5″ long; wt. 2 oz.
Design will fit ignition units, forged alloy steel, spring tempered.
No. 8-I-E—Economy Ignition Plier; wt. 2 oz.



Long Nose Side Cutting Plier

No. 8-LN-6—6″ Long Nose Side Cutting Plier. Wt. 4½ oz.
No. 8-LN-7—7″ Long Chain Nose Side Cutting Plier. Wt. 7 oz.
These pliers are adapted for extra fine work.

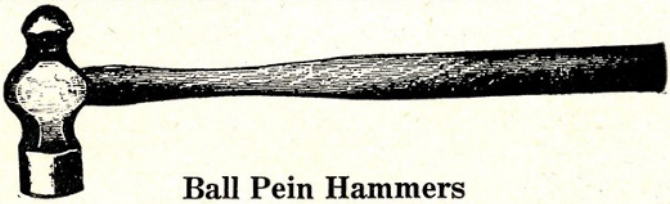


Angle Nose Battery Plier

No. 8-BA—Angle Nose Battery Plier. 7″ long; wt. 7½ oz.
Forged from alloy steel. Great leverage.
No. 8-BA-E—Economy Battery Plier; wt. 7½ oz.

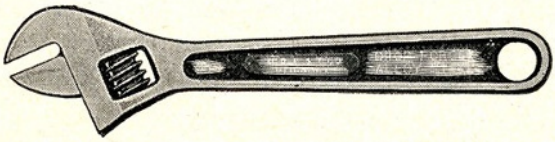
Ball Pein Hammers

The best quality ball pein hammers that money can buy. Perfectly designed and balanced for satisfactory work. Beautiful polished steel finish. Straight grained second growth seasoned hickory handles. A hammer mechanics like. Extra handles available.



Ball Pein Hammers

—Hammer— No.	Weight	Overall Lgth.	Handle No.	—Hammer— No.	Weight	Overall Lgth.	Handle No.
1177	2 oz.	10¼″	**1177-H**	**1182**	1 lb.	14¼″	**1182-H**
1178	4 oz.	10¼″	**1178-H**	**1184**	1½ lbs.	15½″	**1184-H**
1180	8 oz.	12¾″	**1180-H**	**1186**	2 lbs.	15¾″	**1186-H**
1181	12 oz.	13¼″	**1181-H**				



Angle Nose Adjustable Wrenches

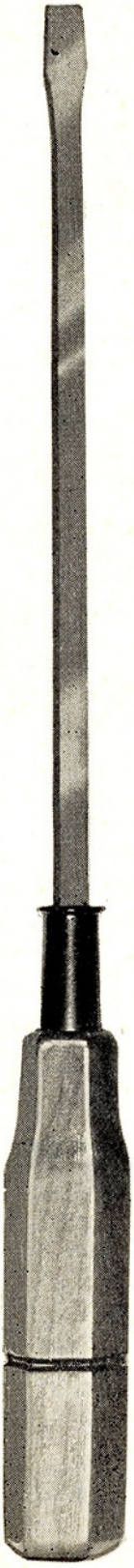
Thin deep throat jaws to get at inaccessible places.

P & C Adjustable Wrenches are forged from a fine high grade Alloy Steel, hardened and tempered in oil and will not break or wear in the gear teeth and allow play in the wrench, permitting the jaw to slip.

No.	Lgth.	Capacity	Wt.	No.	Lgth.	Capacity	Wt.
91-6	6″	¾″	5 oz.	**91-10**	10″	1⅛″	18 oz.
91-8	8″	15/16″	9 oz.	**91-12**	12″	1-5/16″	24 oz.

No. 91-58—8″ Superior Pipe Wrench; wt. 14 oz.

P & C Superior Screw Drivers



Perfect Grip Hardwood Handles

No.	Bit Size	Bit Length	Full Length	Wt.
553	7/32" Rd.	3"	7¾"	2 oz.
555	7/32" Rd.	5"	9¾"	2 oz.
558	7/32" Rd.	8"	12¾"	3 oz.
562	7/32" Rd.	12"	16¾"	3 oz.
654	¼" Sq.	4"	9½"	3 oz.
656	¼" Sq.	6"	11½"	3 oz.
662	¼" Sq.	12"	17½"	5 oz.
753	5/16" Sq.	3"	9"	5 oz.
755	5/16" Sq.	5"	11"	5 oz.
758	5/16" Sq.	8"	14"	6 oz.
762	5/16" Sq.	12"	18"	8 oz.
**852	⅜" Sq.	2¼"	6"	6 oz.
854	⅜" Sq.	4"	10¼"	7 oz.
858	⅜" Sq.	8"	14"	9 oz.
*862	⅜" Sq.	12"	20¼"	13 oz.
*866	⅜" Sq.	16"	24"	14 oz.

*Extra Long 1⅜" x 8¼" Hex Double Grip Handle.

**See illustration at bottom of page —.

Selected Hardwood handles into which the blades are firmly anchored and reinforced with heavy steel ferrules. Hexagon "stream lined" handles give firmer grip than any other wood handle design. Blades made of fine alloy steel expertly heat treated throughout to insure maximum strength.

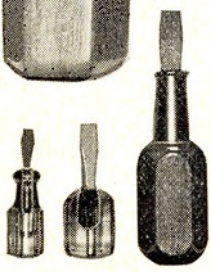
"Stub" Bit Screw Drivers

For Overhead Tappet and close work. Made in 3 popular sizes as illustrated.

No. 501—7/32" x 3" Overall Length. Pyralin Handle.

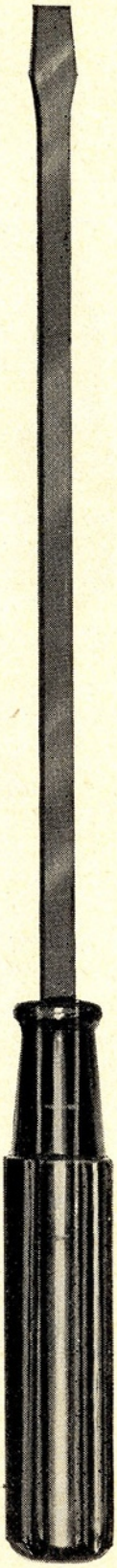
No. 601—¼" x 2¾" Overall Length. Pyralin Handle.

No. 852—⅜" x 6" Overall Length. ½" Bit Hardwood Handle.



No. 501, 601 Listed Next Column. (See No. 17-A Mdse. Unit, page 2.)

P & C Superior Screw Drivers



Shockproof Unbreakable Pyralin Handles

No.	Bit Size	Bit Length	Full Length	Wt.
402	5/32" Rd.	2"	5"	2 oz.
404	5/32" Rd.	4"	7"	2 oz.
406	5/32" Rd.	6"	9"	2 oz.
408	5/32" Rd.	8"	11"	2 oz.
412	5/32" Rd.	12"	15"	2 oz.
**501	7/32" Rd.	1"	3"	2 oz.
503	7/32" Rd.	3"	6¾"	3 oz.
505	7/32" Rd.	5"	8¾"	3 oz.
508	7/32" Rd.	8"	11¾"	3 oz.
512	7/32" Rd.	12"	15¾"	4 oz.
**601	¼" Sq.	1¾"	3¼"	2 oz.
604	¼" Sq.	4"	8"	4 oz.
606	¼" Sq.	6"	10"	4 oz.
612	¼" Sq.	12"	16"	7 oz.
702	5/16" Sq.	1½"	3"	2 oz.
706	5/16" Sq.	6"	10½"	6 oz.
708	5/16" Sq.	8"	12½"	6 oz.
712	5/16" Sq.	12"	16½"	12 oz.
801	⅜" Sq.	1⅛"	3"	3 oz.
808	⅜" Sq.	8"	13"	10 oz.
810	⅜" Sq.	10"	13"	12 oz.
*812	⅜" Sq.	12"	19"	16 oz.
*816	⅜" Sq.	16"	23"	17 oz.

*Extra Long 1⅜" x 7" Double Grip Handle.

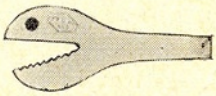
**See illustration bottom previous column.

The finest screw driver money can buy. The clear amber colored handles are made of Pyralin, a very tough composition that is shockproof and unbreakable. The fine alloy steel blades are perfectly ground and finished. Tempered full length and firmly anchored in handle.

Screw drivers sold singly or packed in fiber cartons in ½ doz. or 1 doz. lots. Quantity discounts on request.

No. 400 P&C Jiffy Key Ring Screw Driver Wrench

A thousand uses and untold convenience concealed in this little tool. High grade spring steel, heat treated. Your friend for life.



P & C Economy Screw Drivers

This special line of screw drivers while popular in price is good in quality. Made from high grade steel and scientifically heat treated. Straight without flare, to get into close places. A real economy value.

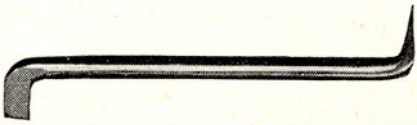
No.	Bit Size	Bit Lgth.	Full Lgth.	Wt.
Pyralin Handle				
714	5/16" Rd.	4"	9¼"	5 oz.
716	5/16" Rd.	6"	11¼"	5 oz.
718	5/16" Rd.	8"	12¼"	6 oz.
Hardwood Handle				
764	5/16" Rd.	4"	9¼"	5 oz.
766	5/16" Rd.	6"	11¼"	5 oz.
768	5/16" Rd.	8"	13¼"	6 oz.

Ignition and Radio Screw Drivers

High grade line of Pyralin (Shock Proof) Handle crew drivers, designed especially for Ignition and Radio work, 5/32" round blade in 2" to 12".

No.	Bit Size	Bit Length	Full Length	Wt.
323	⅛" Rd.	3"	4⅞"	1 oz.
402	5/32" Rd.	2"	5"	2 oz.
404	5/32" Rd.	4"	7"	2 oz.
406	5/32" Rd.	6"	9"	2 oz.
408	5/32" Rd.	8"	11"	2 oz.
412	5/32" Rd.	12"	15"	2 oz.

Offset Screw Drivers



These screw drivers have two bits, set in opposite position. A handy tool for use in close places. Hand forged from best grade steel.

No.	Bit	Length	Wt.	No.	Bit	Length	Wt.
164	5/16"	4¾"	2 oz.	166	7/16"	5¾"	4 oz.
165	⅜"	5½"	3 oz.	167	½"	6½"	6 oz.

Screw Extractors

For quickly removing broken studs and screws on cylinder heads, bearings and other motor parts.

No.	Handles Thread Size (in.)	Use Drill Hole (in.)	Wt.
110	3/16 to ¼	⅛	1 oz.
111	5/16 to ⅜	3/16	2 oz.
112	⅜ to ½	¼	3 oz.
113	½ to 9/16	⅜	5 oz.

114 Set including above Nos.

P & C Phillips Screw Drivers

Here's a combination that's unbeatable . . the popular new Phillips screw driver set in the famous P & C Shockproof Pyralin and Perfect Grip Hardwood Handles! You'll find the Phillips driver increasingly handy for work on new car bodies, refrigerators, furniture, electrical appliances.

Pyralin Shock Proof Handle

The finest Phillips screw driver that money can buy. The Phillips blade (all sizes) set in clear amber P & C Pyralin handles. Tough, Shock-proof. Unbreakable. Blade "anchored forever," the P & C way.

P & C Hardwood Handle

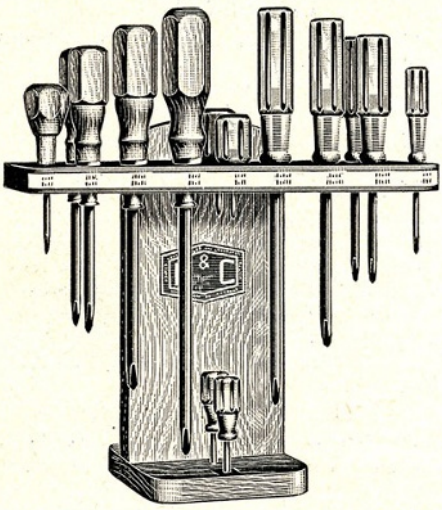
P & C sets the Phillips blade in the same Perfect Grip Hardwood handle that has helped make its Superior standard screw drivers famous. P & C "anchored forever."

Stubby-Pyralin Handle

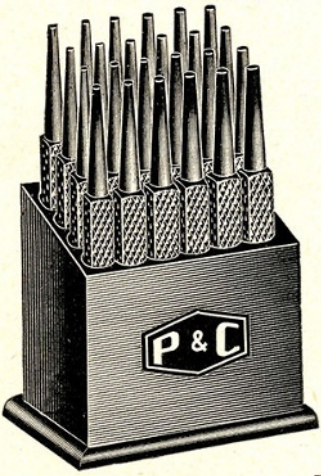
For close work on Phillips patented recessed screws, sizes 4 to 9 inclusive. A typical P & C quality handle, the finest thing of its kind.

Blade Size	Blade Length	Phillips Screw No.	Hardwood Hdl. No.	Pyralin Hdl. No.	Weight per doz.
1	3"	No. 4 or smaller	523	573	1½ lbs.
2	4"	No. 5 to 9 incl.	624	674	3 lbs.
3	6"	No. 10 to 16 inc.	726	776	4 lbs.
4	8"	No. 18 and larger	828	878	6 lbs.
1 Stubby	1¼"	No. 4 or smaller		570	1¼ lbs.
2 Stubby	1½"	No. 5 to9 incl.		670	1½ lbs.

(See **No. 18-C** Phillips Merchandise Unit, page 2.)



P & C Quality Nail Sets—Square Type



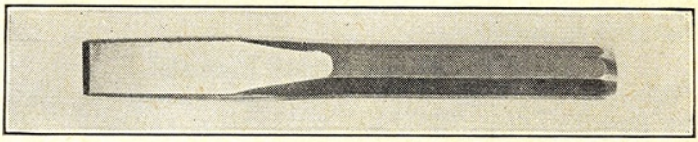
A fine product backed with P & C guaranteed quality. Hand forged from selected steel, square knurled body, 4" long. Small Mdse. Units in attractive wooden boxes. Wt. per doz. 1 lb.

No. 46—1/16" point; **No. 47**, 3/32" point; **No. 48**, ⅛" point.

No. 49-A—2 doz. Mdse. Unit Assortment, as illustrated. Wt. 2 lbs.

P & C PUNCHES and CHISELS

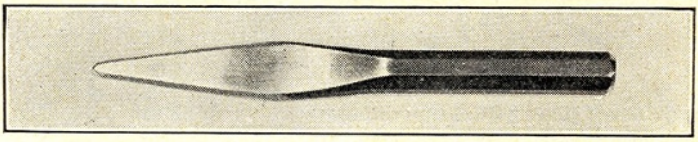
P & C Chisels and Punches are hand forged from the highest grade selected steel and excel all others in quality, design and workmanship. Each tool is individually hand forged and electrically heat treated the full length by P & C expert methods to insure the best finished product. Forty years experience in hand forging tools has earned an enviable reputation for P & C quality in this product. One of the best and most complete lines of hand forged punches and chisels available. (See **No. 17** Mdse. Unit, pages 1 and 2.)



Cold Chisels

P & C Cold Chisels are extra strong, tough and durable. Will stand up under the hardest work and will endure terrific abuse.

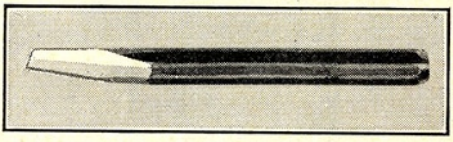
No.	Stock	Cut	Length	Weight
10	1/4	9/32	4 1/2	2 oz.
11	5/16	3/8	4 1/2	2 oz.
12	3/8	7/16	5 1/2	3 oz.
13	1/2	9/16	6	1 oz.
14	5/8	11/16	6 1/2	8 oz.
15	3/4	13/16	7	12 oz.
16	3/4	7/8	10	18 oz.
17	3/4	7/8	12	22 oz.
18	7/8	1"	10	24 oz.



Cape Chisels

Made from choice hand forged steel and proportioned accurately. Large range of convenient sizes.

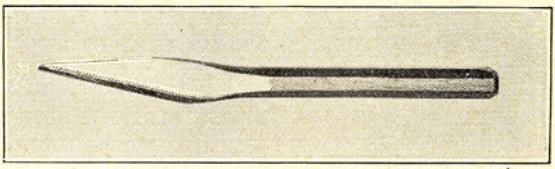
No.	Stock	Cut	Length	Weight
30	1/4	3/16	4 1/2	2 oz.
31	5/16	1/4	5 1/2	3 oz.
32	3/8	5/16	6	3 oz.
33	1/2	3/8	6 1/2	5 oz.
34	5/8	7/16	7 1/2	11 oz.



Diamond Point Chisels

P & C Diamond Point Chisels are built to please the mechanic who likes correct design and balance in good tools. Needle point for particular work.

No.	Stock	Cut	Length	Weight
40	1/4	5/32	4 1/2	1 oz.
41	5/16	3/16	5	2 oz.
42	3/8	7/32	5 1/2	3 oz.
43	1/2	9/32	6	6 oz.



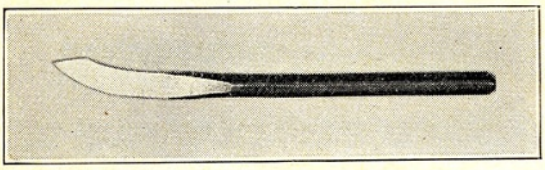
Round Nose or Gouge Chisel

Best P & C quality in good range of sizes.

No.	Stock	Cut	Length	Weight
50	1/4	3/32	4 3/4	2 oz.
51	5/16	5/32	5 1/4	2 oz.
52	3/8	3/16	5 3/4	3 oz.
53	1/2	1/4	6 1/4	5 oz.

Punches and Chisels sold singly or packed in fibre cartons 1/2 doz. and 1 doz. lots. Quantity discounts on request.

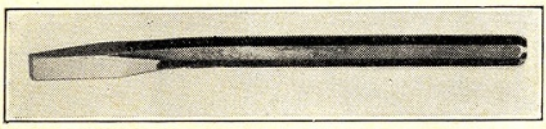
P & C PUNCHES and CHISELS



Oil Groove Chisel

Same high quality which characterizes all P & C punches and chisels. Will cut even oil grooves in bearings.

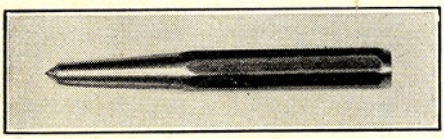
No.	Stock	Length	Weight
98	5/16	6	2 oz.
99	3/8	6	3 oz.



Rivet Shears

Forged from superior grade steel and built to stand hard usage.

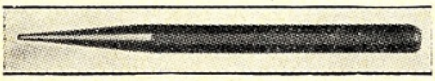
No.	Stock	Cut	Length	Weight
90	5/8	3/4	10	13 oz.
92	3/4	7/8	12	24 oz.



Center Punches

Furnished in four popular sizes. Exceptionally hard points for marking steel.

No.	Stock	Length	Weight
20	1/4	4	2 oz.
21	5/16	4 1/2	3 oz.
22	3/8	4 3/4	3 oz.
23	1/2	5	4 oz.



Prick Punches

Hand forged and ground to fine point for accurate work.

No.	Stock	Length	Weight
27	1/4	4 1/2	1 oz.
28	5/16	5	2 oz.
29	3/8	5 1/2	3 oz.

Solid, Plain or Rivet Punches

P & C Rivet Punches are hand forged to stand up under severe usage. Only high grade steel used.

No.	Stock	Point	Length	Weight
105	1/4	3/32	4 1/2	1 oz.
106	5/16	1/8	4 3/4	2 oz.
107	3/8	3/16	5	3 oz.
108	1/2	1/4	5 1/2	5 oz.
109	5/8	5/16	6	7 oz.

P & C PUNCHES and CHISELS

Pin Punches

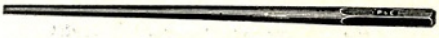
P & C Pin Punches are made with very strict care and will give long service if properly used. Starter punches are furnished, having short taper, and frozen pins should always be broken loose with the starter. You will get much better service from your punches by doing this.

No.	Oct. Stock	Point	Length Point	Length	Weight
58	½	1/16	1¼	4¼	1 oz.
59	¼	5/64	1¼	4¼	1 oz.
60	¼	3/32	1¼	4¼	1 oz.
61	5/16	⅛	1⅜	4¼	1 oz.
62	5/16	5/32	1⅜	5	1 oz.
63	⅜	3/16	1⅜	5¼	2 oz.
64	7/16	7/32	2⅝	5½	3 oz.
64-1	½	¼	2⅝	5¾	4 oz.
65..	½	9/32	2¾	6½	5 oz.
65-1	½	5/16	3¾	8	5 oz.
65-2	⅝	⅜	4⅝	9	9 oz.
66	⅜	5/16	2⅜	5 (Starter)	2 oz.
67	½	3/16	2⅜	5 (Starter)	3 oz.
68	½	9/32	2	6 (Starter)	4 oz.

Taper Punches

Sturdily constructed for hard driving and lining up jobs. Uniform heat treating insures right degree of hardness and strength.

No.	Stock	Point	Taper	Length	Weight
70	¼	3/16	4½	6½	2 oz.
71	5/16	¼	4¾	7	3 oz.
72	⅜	5/16	5	7½	4 oz.
73	½	⅜	5½	8	7 oz.
74	⅝	7/13	5¾	8½	10 oz.
75	¾	½	6	9	14 oz.



Long Taper Punch

P & C Long Taper Punches are noted for their slender taper and small points. Distinctive design and style.

No.	Stock	Point	Taper	Length	Weight
79	⅜	3/32	6	9	4 oz.
80	½	5/32	7	10	6 oz.
81	⅝	3/16	8½	12	11 oz.
82	¾	¼	9½	14	1 lb.

Extra Long Taper Punch

Made in extra long and smooth taper for difficult and exacting work. Only possible through expert hand forging and heat treating processes.

No.	Stock	Point	Taper	Length	Weight
86	⅜	3/16	9½	12	6 oz.
87	½	¼	10½	14	10 oz.
88	⅝	5/16	11½	16	18 oz.

Radio and Electrical Punch and Chisel Kit

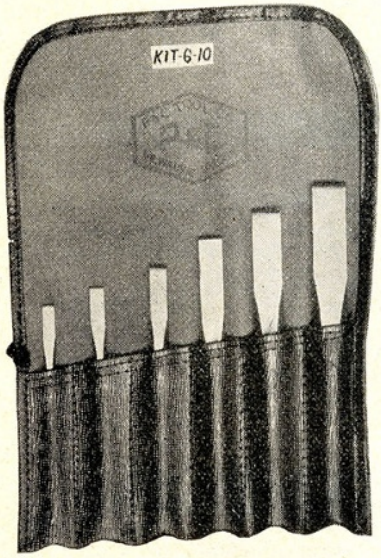
Hand forged from ¼" selected steel stock and ground to uniformly long pin points. Designed particularly for delicate Radio, Electrical and Special Service. Always use "starter" punch first and follow with fine pin or drift punch.

No.	Stock	Point	Length
120	¼	1/16	3½
121	¼	5/64	3½
122	¼	3/32	3½
123	¼	⅛	3½
124 (Starter)	¼	1/16	3½
125 (Chisel)	¼	9/32	3½

No. 127 Set Tools only. Wt. 5 oz.

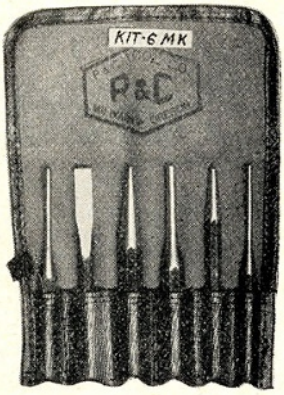
No. 127 Set Tools in roll. Wt. 8 oz.

P & C PUNCHES and CHISELS



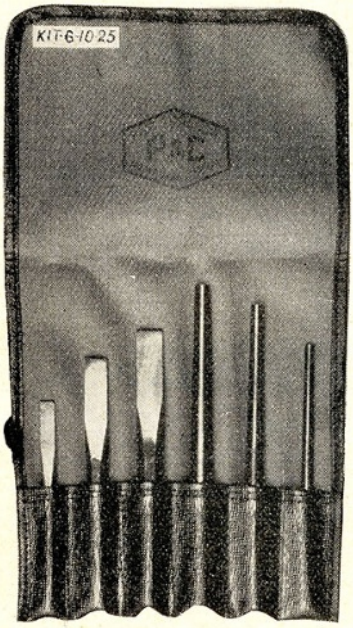
P & C Kit No. 6-10

Contains 6 cold chisels as follows: Nos. 10, 11, 12, 13, 14 and 15.
Tools only. Wt. 2 lbs. 2 oz.
In leatherette roll. Wt. 2½ lbs.



No. 6-MK Kit

A representative 6-piece kit of chisel and punches most used by mechanics or car owners, includes 22 center punch, 12 cold chisel, 60, 61, 62 pin punches, and 66 starter punch. A choice set in leatherette roll.
Tools only. Wt. 8 oz.
In leatherette roll. Wt. 12 oz.



No. 6-10-25 Kit

This popular kit comprises 6 desirable taper punches and chisels, including 12, 13, 14 cold chisels and 70, 72, 74 taper punches. All hand forged from selected alloy steel and exceptionally tough and strong.

Tools only. Wt. 1 lb. 10 oz.
In leatherette roll. Wt. 2 lbs.

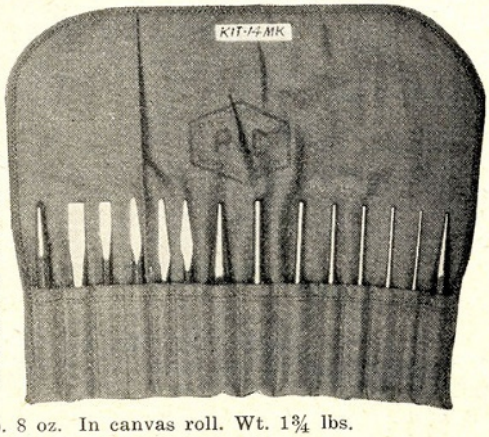
P & C Kit No. 6-25

A complete set of 6 sizes in taper punches. This is a very choice kit and without equal in quality and design. Famous for the extremely long taper. Nos. 70, 71, 72, 73, 74, 75.

Punches only, wt. 2 lbs. 2 oz.
In leatherette roll, wt. 2½ lbs.

No. 14-MK Kit

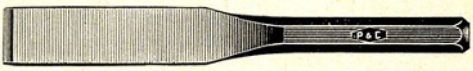
A 14-piece all around use punch and chisel kit which every discriminating mechanic will prize. Includes 22 center punch, 10 and 12 cold chisels, 30 cape, 50 round nose and 41 diamond point chisels, two starting punches and 6 assorted pin punches from 60 to 65. All highest P & C quality.



Tools only. Wt. 1 lb. 8 oz. In canvas roll. Wt. 1¾ lbs.

P & C Plumbing Tools & Lining Up Bars

(See No. 100 Display Board, page 1)



Floor and Ripping Chisels

P & C Floor and Ripping Chisels are hand forged from tungsten alloy steel and tempered for hard fast usage. Long Thin curved blades permit easy access to work.

No.		Inches Oct. Stk.	Cut	Length	Weight
260	Floor Chisel	½	¾	10	8 oz.
261	Floor Chisel	⅝	1	10	12 oz.
262	Floor Chisel	¾	1-3/16	10	16 oz.
269	Ripping Chisel	¾	1¼	17	24 oz.

Caulking Irons (Offset)

Hond forged alloy steel "irons" with concave blade, ground inside and outside in pairs for exacting plumbing work. Available singly or in pairs.

No.		Inches Oct. Stk.	With Blade	Length	Weight
268	(Pony-lpr.)	½	¾	3	6 oz.
270	(lpr.)	½	¾	5½	8 oz.
271	(lpr.)	⅝	⅞	5¾	15 oz.

Yarning Irons (Offset)

Has long slightly bent blade for easy clearance in packing joints.

No.	Inches Oct. Stk.	With Blade	Length	Weight
267	⅝	¾	12	12 oz.

No. 231—Packing Hook—⅝" x 8", wt. 4 oz.

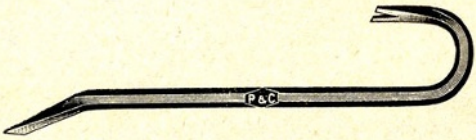
Concrete Gads

Hand forged with long taper and heat treated to stand abuse. A real tool!

No.	Inches Oct. Stk.	Length	Weight
272	¾	12	24 oz.
273	1	12	37 oz.

Lining Up Bar

No.	Inches Stock	Wedge	Length	Weight
101	½	9/16	14	11 oz.
102	⅝	¾	18	21 oz.
103	¾	11/16	24	44 oz.



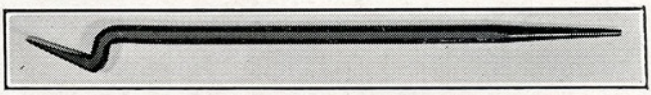
Wrecking and Pry Bar

Popular all around heat treated wrecking bar with claw so designed it will pull a spike head through a 2 by 4.
No. 221-A—⅝" Oct. x 18" long. Wt. 32 oz.
No. 221—⅝" Oct. x 24" long. Wt. 40 oz.

Chart of Wrench and Socket Openings and Sizes of Bolts and Nuts They Will Take

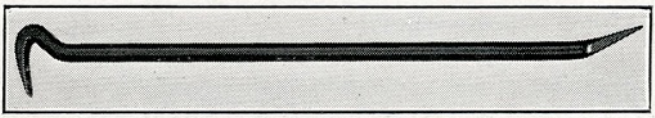
The Dimensions given below are the outside diameters of the threads in inches.

Wrench Opening in Inches	S. A. E. Standard Screws and Nuts	U. S. S.		American Standard	
		Nuts	Cap Screws	Nuts	Screws
3/16	.....	.....	.....	2 & 3	.....
7/32	.....	.....	.....	.....	.....
1/4	.....	.....	.....	4	.....
9/32	.....	.....	.....	.....	.....
5/16	.....	1/8	1/8	5 & 6	.....
11/32	.....	.....	.....	8	.....
3/8	.....	3/16	3/16	10	.....
7/16	1/4	.....	1/4	12 & 1/4	1/4
1/2	5/16	1/4	5/16	.....	5/16
9/16	3/8	.....	3/8	5/16	3/8
19/32	.....	5/16	.....	.....	.....
5/8	7/16	.....	7/16	3/8	7/16
11/16	.....	3/8	.....	.....	.....
3/4	1/2	.....	1/2	7/16	1/2
25/32	.....	7/16	.....	.....	.....
13/16	.....	.....	9/16	1/2	9/16
7/8	9/16	1/2	5/8	9/16	5/8
15/16	5/8	.....	.....	5/8	.....
31/32	.....	9/16	.....	.....	.....
1	11/16	.....	3/4	.....	3/4
1 1/16	3/4	5/8	.....	.....	.....
1 1/8	.....	.....	7/8	3/4	7/8
1 3/16	.....	.....	.....	.....	.....
1 1/4	7/8	3/4	1	.....	.....
1 5/16	.....	.....	.....	7/8	1
1 3/8	.....	.....	1 1/8	.....	.....
1 7/16	1	7/8	.....	.....	.....
1 1/2	.....	.....	1 1/4	1	1 1/8
1 9/16	.....	.....	.....	.....	.....
1 5/8	1 1/8	1	1 3/8	.....	.....
1 11/16	.....	.....	.....	1 1/8	1 1/4
1 3/4	.....	.....	.....	.....	.....
1 13/16	1 1/4	1 1/8	.....	.....	.....
1 7/8	.....	.....	.....	1 1/4	.....
2	1 3/8	1 1/4	.....	.....	.....
2 1/16	.....	.....	.....	.....	.....
2 1/8	.....	.....	.....	.....	.....
2 3/16	1 1/2	1 3/8	.....	.....	.....
2 1/4	.....	.....	.....	1 1/2	.....
2 5/16	.....	.....	.....	.....	.....
2 3/8	.....	1 1/2	.....	.....	.....
2 7/16	.....	.....	.....	.....	.....
2 1/2	.....	.....	.....	.....	.....
2 9/16	.....	1 5/8	.....	.....	.....
2 5/8	.....	.....	.....	1 3/4	.....
2 11/16	.....	.....	.....	.....	.....
2 3/4	.....	1 3/4	.....	.....	.....
2 15/16	.....	1 7/8	.....	.....	.....
3 1/8	.....	2	.....	.....	.....
3 1/2	.....	2 1/4	.....	.....	.....



Special Lining Up Bar

No. 220. Special lining up bar with double offset wedge point one end and round taper at other end. Wt. 1 lb. 12 oz.



Rolling Head Pry Bar

No. 222. Latest type pry bar for all kinds of pry and lining up work plus the rolling head which offers great advantage in removing gears, bushings, spring clips, etc. Wt. 2 lbs.

HAND FORGED TOOLS

P & C HAND FORGED TOOL CO. INC.

Milwaukie, PORTLAND, OREGON

See Separate Dealers' Numerical Price List

CATALOG No. 40-P

P & C HAND FORGED TOOL CO. INC.

Milwaukie, PORTLAND, OREGON

See Separate Dealers' Numerical Price List

CATALOG No. 40-P